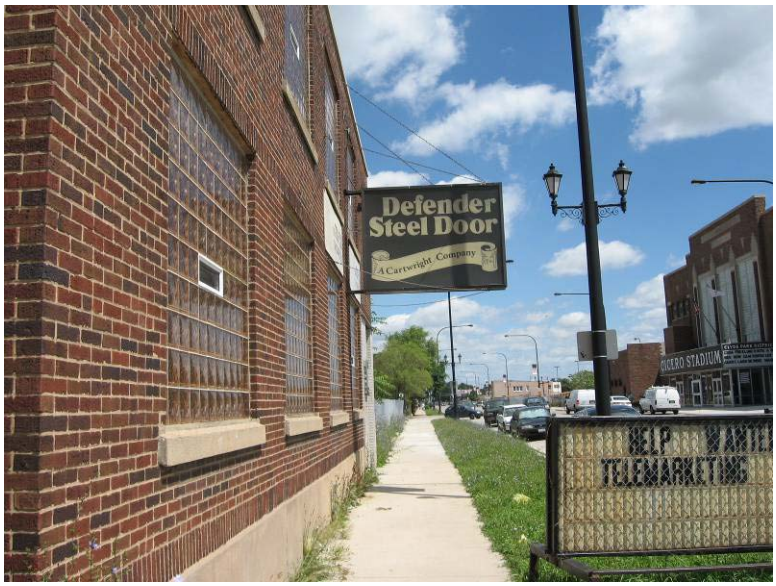
K-PLUS ENGINEERING

PHASE II ESA - SUBSURFACE INVESTIGATION

1926 S. Laramie Avenue
Cicero, Illinois 60804
Cook County



Prepared for:

Town of Cicero
4949 West Cermak Road
Cicero, Illinois 60804

July 21, 2010

15 SPINNING WHEEL ROAD SUITE 320. HINSDALE, IL 60521. **P** 630.655.8900. **F** 630.655.8918. **W** K-PLUS.COM

CERTIFICATION

To the best of my knowledge and belief this investigation and evaluation have been performed in conformance with all applicable legal requirements and accepted practices prevailing in the environmental consulting industries. The personnel who performed the investigation are properly licensed and certified in accordance with the requirements of federal, state, and local laws, rules and regulations.

K-Plus Engineering, its officers, and its employees have no present or contemplated interest in the property or the parties involved. Our employment and compensation for preparing this report are not contingent upon any action or event resulting from the analyses, opinions, observations, or conclusions, in or from the use of, this report. The statements contained herein, on which our observations, opinions, and conclusions were based, are deemed factual. The reported analyses, opinions, observations, and conclusions are unbiased, professional, and limited only by the reported assumptions, qualifications, and conditions stated herein. All information in this report is from sources deemed to be reliable; however, no representation or warranty is made as to the accuracy thereof. If necessary, expert testimony and other legal appearances will be provided for a reasonable fee to be arranged.

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Sincerely,
K-PLUS ENGINEERING, LLC

Jessica Madsen
Sr. Project Manager

Daniel M. Caplice, P.E.
.

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1.0 INTRODUCTION

On Tuesday, July 6, 2010, K-Plus Engineering, LLC (K-Plus) conducted a Phase II Environmental Site Assessment - Subsurface Investigation of the industrial property located at 1926 S. Laramie Avenue in Cicero, Illinois (Subject Property). In order to evaluate the subsurface soils, a total of seven (7) soil borings were advanced to a depth of 12 to 16 feet below ground surface (bgs). Analytical testing of the soil samples included: volatile organic compounds (VOCs) including benzene-toluene-ethylbenzene-xylenes (BTEX), RCRA total metals and polynuclear aromatic hydrocarbons (PNAs). This document outlines the investigation activities that were completed by K-Plus at the Subject Property to determine if the historic use of the Subject Property has adversely impacted the subsurface soil.

The weather conditions at the time of the inspection were raining with a temperature of approximately 70 degrees Fahrenheit (°F). As a tool in preparing this report and documenting the conditions encountered at the property, copies of all supporting documents that were relied upon during this project have also been included as appendices in this report.

2.0 SUBJECT PROPERTY

The Subject Property is located north of the intersection between W. 22nd Street and on the west side of South Laramie Avenue. Specifically, the property is located at 1926 South Laramie Avenue in Cicero, Cook County, Illinois (Figure 1).

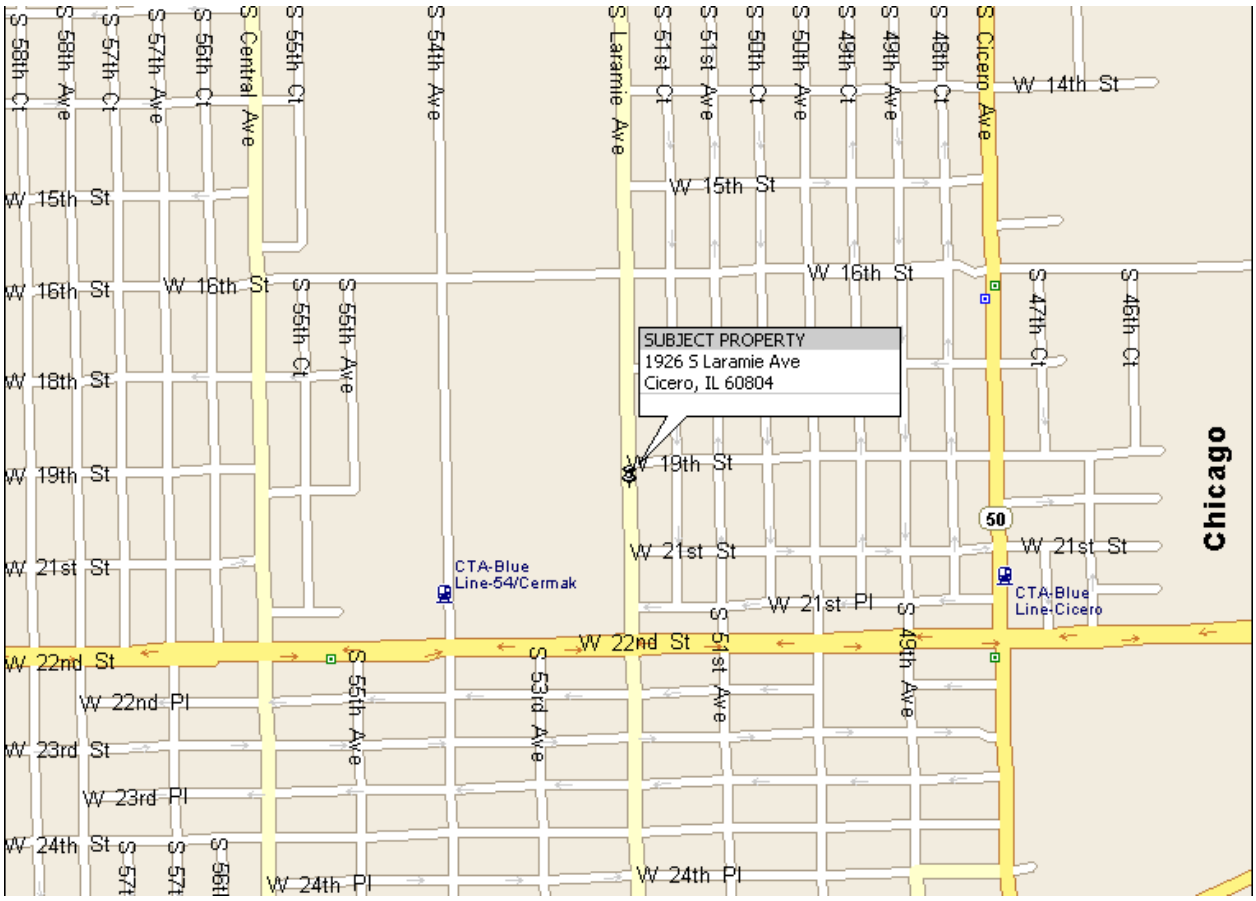


Figure 1 – Site Location Map

2.2 Site Features

The Subject Property measures approximately 36,000 square feet (ft^2) and is currently developed with a partial two-story industrial building that measures approximately 24,000 ft^2. The building on the Subject Property was noted as constructed of brick masonry on a concrete slab foundation with a partial basement. An asphalt paved parking lot surrounds the building at the Subject Property.

The front two story partial portion; the front office area was noted as finished with the following: floors were finished with carpeting; the interior walls were painted drywall; the ceilings were finished with 2' x 4' suspended ceiling tiles; and fluorescent lighting was noted used throughout the office areas.

The production area of the building was noted as largely unfinished, with exposed concrete floors, occasional 12-inch vinyl tiles were noted, unfinished walls, and a steel truss ceiling.

The Subject Property uses natural gas supplied by NICOR for the Subject Property's heating system. Commonwealth Edison provides electricity to the building. According to the site contact, the building is connected to the Town of Cicero water and sewer systems. Waste Management removes recyclable wastes from the Subject Property.

2.3 Surrounding Area

The Subject Property is located in an industrial area. Specifically, the Subject Property is bounded on the **north** by an undeveloped lot, used for a towing yard; on the **south** by an industrial property; on the **east** by Laramie Avenue, followed by similar industrial buildings; and on the **west** by part of an industrial property, followed by an undeveloped lot (Figure 2).

Figure 2 – Site and Surrounding Area (aerial from October, 2007)

2.4 Topography

In general, the topography of the Subject Property is relatively flat, with no discernible elevation changes. According to the United States Geological Survey 7.5 Minute Series Topographic Map of Berwyn, Illinois Quadrangle (1998), the Subject Property lies at a relative surface elevation of approximately 598 feet above mean sea level. The nearest surface water body is South Branch of the Chicago River which is located within 2½ of a mile south of the Subject Property. Regional groundwater flow in the area is expected to flow in a southerly direction (Figure 3).

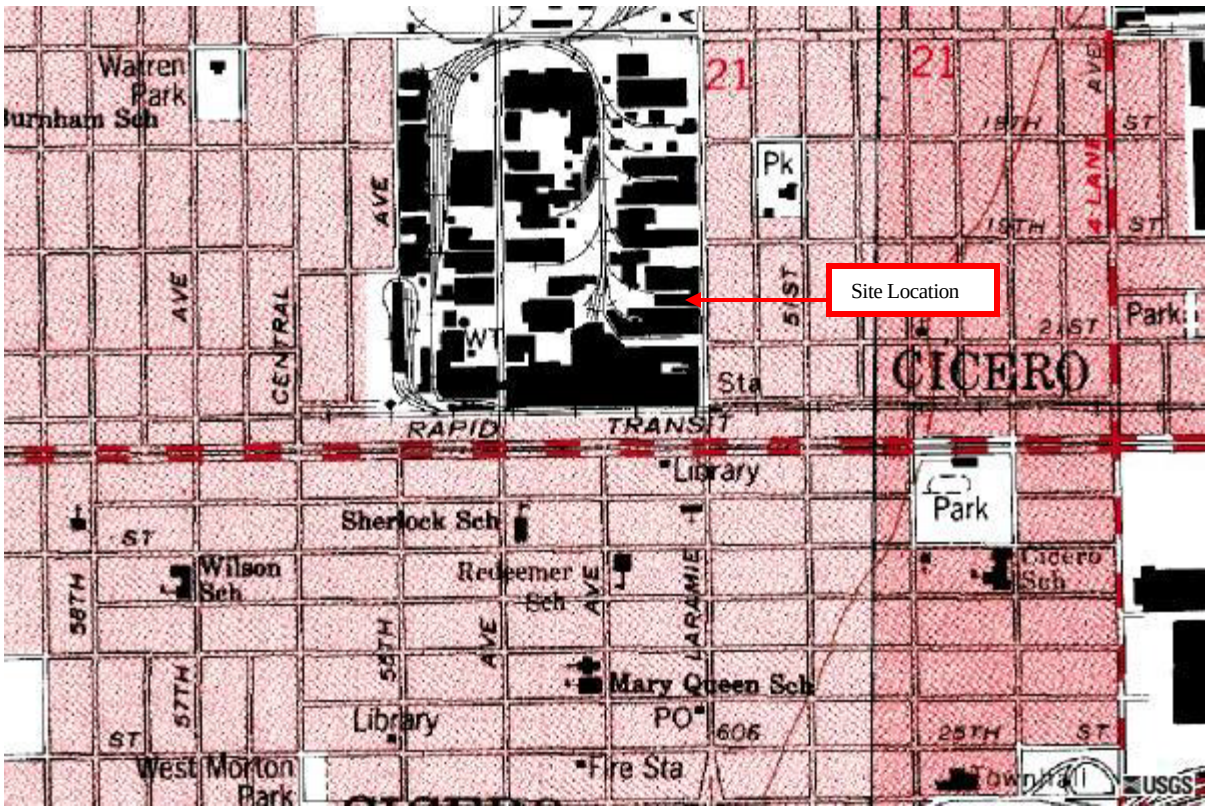


Figure 3 – Topographic Map (USGS, 1998)

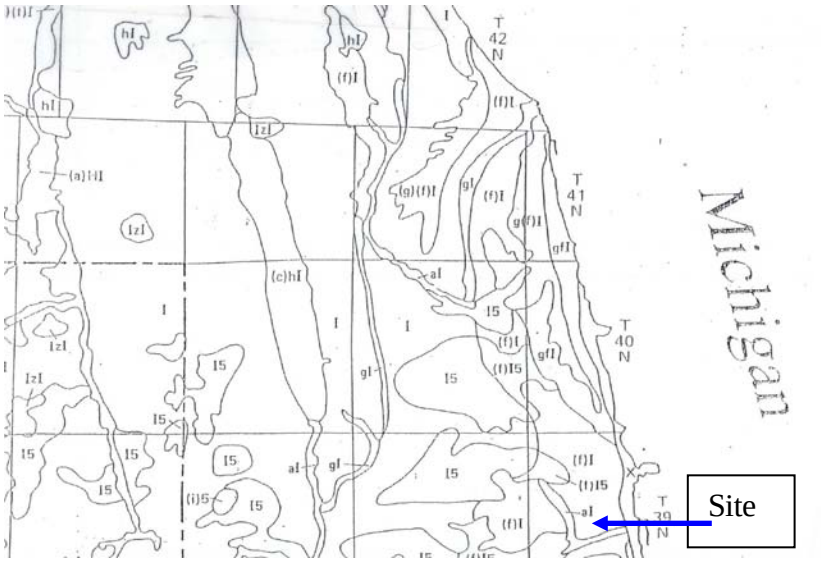
2.5 Site Geology

Field observations made during the drilling activities indicated that the subsurface geology at the Subject Property was dominated by brown or gray clayey soils. Specifically, the investigator noted that soils directly below the surface were dominated with native clay materials. From 4 to 8 feet bgs (below ground surface) soils were dominated by brown and gray mottled clay, followed by brown (or gray) soft to firm clay soil, which was identified to a depth of approximately 12 to 16 feet (maximum boring termini). Groundwater was encountered at only one boring on the property at approximately 7 feet. Copies of the boring logs, including the geologic conditions and field observations made during the subsurface assessment, are included in Appendix 2.

In order to categorize and further assess the geologic conditions encountered at the Subject Property, K-Plus consulted various sources of information including geological maps constructed by the Illinois State Geological Survey. Specific geologic maps used during this investigation include *Stack-Unit Mapping of Geologic Materials in Illinois to a Depth of 15 Meters*; *Potential for Contamination of Shallow Aquifers by Land Burial of Municipal Wastes*; and *Potential for Contamination of Shallow Aquifers by Surface and Near-Surface Waste Disposal*.

The "Stack-Unit Map" reviewed was compiled by the Illinois State Geological Survey from information collected as a part of a geological mapping project sponsored by the Illinois Environmental Protection Agency. The Stack-Unit Map is a particular way of representing geological data to show the distribution of earth materials vertically from the surface to a specified depth as well as horizontally over a specified area. This map provides a foundation for interpretive maps for assessing potential for contamination from waste disposal sites; construction conditions; groundwater availability; and potential for mineral resources such as sand, gravel, dolomite, limestone, or near-surface deposits of coal. The map makes possible the evaluation of the potential uses of any material or sequence of materials.

According to the Surficial Geology of the Chicago Region, the geology at the Subject Property consists primarily of soils in the Lake Plain, which consists primarily of floors of glacial lakes flattened by wave erosion and by minor deposition in low areas; largely underlain by glacial till; thin deposits of silt, clay and sand of the Equality Formation present locally. This is corroborated by the Stack-Unit Map, these materials are present at depths greater than approximately 19.7 feet (6 m) thick (Figure 4).



Stack Unit Map – Figure 4

K-Plus also consulted the following geological maps: *Potential for Contamination of Shallow Aquifers by Land Burial of Municipal Wastes*; and *Potential for Contamination of Shallow Aquifers*

by Surface and Near-Surface Waste Disposal. These maps were constructed by the Illinois State Geological Survey to describe and map geologic materials to a depth of 50 feet throughout the state. In these maps, various geologic materials were differentiated by thickness, texture, permeability, and stratigraphic position in order to rate their relative contamination potential for aquifers in any area of the state.

According to the Berg Map, the regional geologic materials in the area are designated as type as an "E"-type soil (Figure 4). An "E" classification is described as uniform, relatively impermeable silty and clayey diamictons greater than 50 feet in thickness, with no evidence of interbedded sand and gravel.

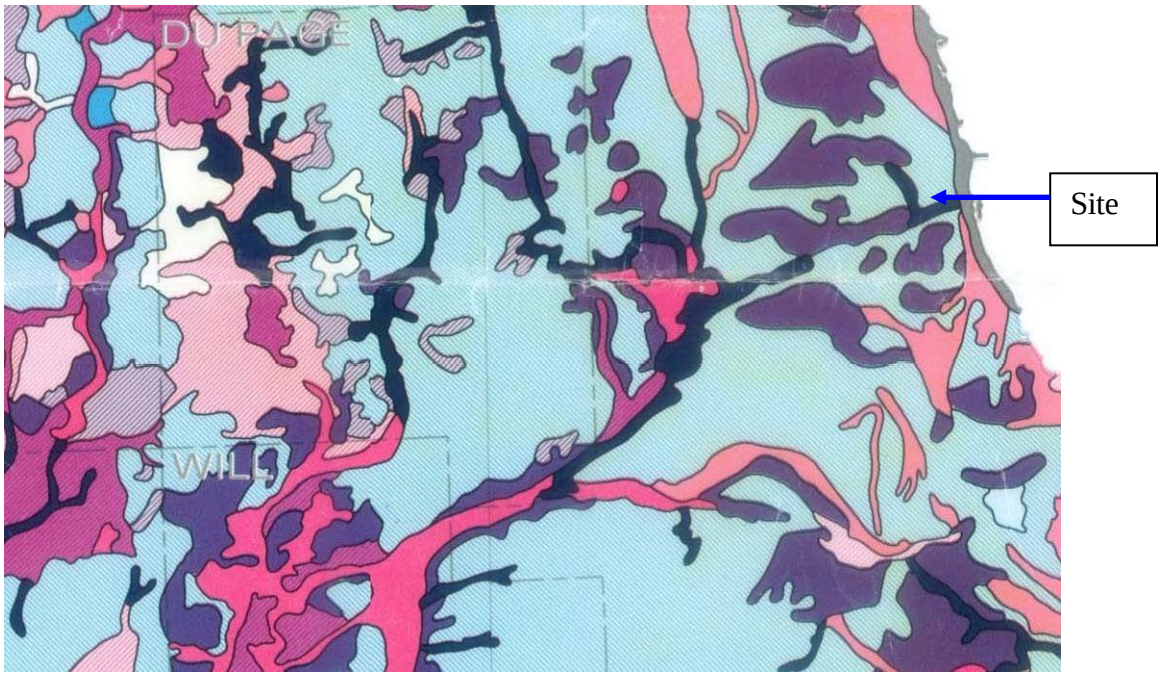


Figure 5 – Berg Map

3.0 SITE HISTORY

As part of the investigation of this property, K-Plus conducted a Phase I Environmental Site Assessment, dated December 7, 2009. At the time of the inspection the property was occupied by Defender Door Company. Based on the findings and observations made during the ESA, K-Plus identified the following Recognized Environmental Conditions (RECs).

- Hazardous substances were noted as used and stored in the building at the Subject Property.
- The Subject Property has been utilized for industrial purposes since its development.

It was recommended that further investigation of the Subject Property would be necessary in order to determine what, if any, impact the current and historic industrial operations have had on the subsurface of the Subject Property.

4.0 METHODS AND EQUIPMENT

All borings were completed under the direct supervision of a K-Plus inspector who was on-site during all field work to coordinate the drillers, choose appropriate environmental boring locations and sample depths, collect and screen soil samples, and log the geologic characteristics of each borehole. All drilling work was performed in accordance with applicable provisions of the American Society of Testing Materials (ASTM) standards for environmental and geotechnical drilling, which specify the techniques used for sampling and drilling.

4.1 Drilling

All drilling was completed with a truck-mounted Geoprobe drill rig equipped with a Macro-Core® continuous-core sampler. The Geoprobe uses both static and dynamic percussion forces to advance various sampling apparatus to retrieve core samples. The Macro-Core® is a solid barrel, open steel tube that is four feet long, has an inside diameter of 2¼ inches, and is equipped with a four foot plastic liner for sample collection. The use of sample liners greatly reduces the chance of cross contamination between samples and provides better sample recovery. The details of each boring were recorded on separate logs which contain the following information for each borehole:

- Lithology description for each change in stratum, and the level of each change;
- relative moisture content of each sample interval;
- length of sample recovery from every four feet of Macro-Core® sample;
- presence of any water and the level at which it was encountered;
- presence of contamination by field screening; and
- depth of the sample collection.

4.2 Field Screening and Sample Selection

In accordance with ASTM standards and in order to identify soil contamination, the on-site geologist determined the geologic lithology, and constructed a profile of each soil column from the continuous soil samples which were collected using a four foot Macro-Core® sampler at four foot intervals from surface level to the boring terminus. Undisturbed soil samples from each Macro-Core® were visually classified in the field according to the Unified Soil Classification System (USCS). The characteristics of each sample such as color, odor, texture, relative moisture, sediment type, or disturbance was immediately recorded in the test boring log.

All soil samples recovered during the fieldwork were field screened for the presence of contamination by visual and olfactory assessment, and evaluation using a photo-ionization detector (PID). All field screening observations were recorded on the respective boring logs along with the geologic data.

During the fieldwork, all individual Macro-Core® soil samples were immediately placed in sample containers and were labeled to identify the boring location, sample depth, and sample number. Generally, the soil sample from each boring which exhibits the greatest degree of contamination in the field is submitted for laboratory analysis. This methodology is useful when attempting to identify and characterize contamination in a specific area. In certain instances, multiple soil samples may be collected in order to better delineate the vertical extent of contamination. The first sample is collected from the most contaminated material in order to characterize the contamination and determine the concentrations of the specific contaminants, while the other samples are collected from other depths to assist in approximating the vertical extent of the contamination.

In instances where groups of borings from a specific areas of concern exhibit similar evidence of contamination (i.e. similar odor, similar discoloration pattern, etc.), soil samples from the individual borings were selected to provide the most information regarding the extent of contamination in that area. For example, when applicable, at least one soil sample is collected from the most grossly contaminated material in order to establish the types and concentrations of contaminants present. Soil samples from adjacent borings in the same area are often collected from below the obviously contaminated material in an attempt to approximate the vertical extent of the contamination in that area. This approach is effective in establishing the nature and approximate extent of contamination while conserving analytical costs.

4.3 Sample Preservation and Laboratory Analysis

At least one soil sample from each soil boring was selected for laboratory testing. Soil was packed "air tight" and placed into specially prepared glass sample jars equipped with Teflon lined lids for VOCs. Soil samples to be analyzed for VOCs were collected using a 5 gram soil syringe sampling tool. The 5 grams of soil were then immediately transferred to one 40 milliliter (mL) vial containing sodium hydrogen sulfate ($NaHSO_4$) or Methanol preservatives. Each sample jar or 40 mL vial container was then labeled with a unique sample number to identify the sample's location, boring number, sample depth and date of collection. All samples were immediately preserved in a cooler until receipt by the laboratory for analysis. All samples were transferred to STAT Analysis Corporation (STAT) located in Chicago, Illinois under strict chain-of-custody procedures for analysis of VOCs according to standard United States Environmental Protection Agency (U.S. EPA) methodologies. All analytical testing was performed in accordance with the requirements of the National Environmental Laboratory Accreditation Program (NELAP). All samples were analyzed within established holding times, all quality control testing met U.S. EPA or laboratory criteria, except where noted in the case narrative or analytical report. No data were qualified by the laboratory. All samples were analyzed for the requested parameters; there is no missing data. Where data was questionable when checked by K-Plus personnel, the laboratory was requested to check the data, and if necessary, re-analyze the sample to ensure that the data were accurate. Data meets quality control criteria.

4.4 Decontamination

In order to ensure that no cross-contamination between soil sampling occurs, all non-dedicated sampling equipment was decontaminated after collection of each sample. Sampling equipment was scrubbed with a brush to remove loose material and then washed thoroughly with a laboratory grade detergent and water to remove all particulate matter and surface film. After washing, each piece was rinsed with clean tap water. Dedicated sampling equipment such as plastic scoops, spoons and latex gloves were disposed of after the handling of each sample was complete. Field equipment such as the water level, pH meter and temperature/conductivity meter were rinsed with distilled water between samples.

5.0 SOIL INVESTIGATION FINDINGS

In order to evaluate the subsurface soils, a total of seven (7) soil borings were advanced to a depth of 12 to 16 feet bgs at selected areas of the Subject Property. Soil borings (KP1 through KP7) were performed to determine if the operations at the property, both current and historic, had negative impacts to the subsurface.

5.1 Field Observations

During the field activities, each borehole was evaluated for contaminants using visual and olfactory methods. Field observations indicated that evidence of staining was noted in several borings at the Subject Property. However, olfactory observations did not note significant evidence of contamination.

K-Plus monitored soil borings continuously using a PID. PID readings ranged from 0.0 to 0.2 parts per million (ppm), with the highest reading found in the soil collected from KP2 at 4 feet bgs. Samples for PID analysis were collected from every four foot interval of each boring. The soil borings advanced at the Subject Property revealed subsurface soils that were dominated by soft to firm clayey soils. All borings ended at 12-16 feet bgs in brown (or gray) clay. Detailed boring logs documenting geologic notes and observations made by the K-Plus geologist are included in Appendix 2.

5.2 Soil Analytical Results

K-Plus collected at least one (1) to two (2) soil samples from each soil boring. Samples were taken from intervals that exhibited the highest PID reading, or showed evidence of staining. Additional samples were taken in locations to help delineate any potential contamination that may have been found in the other samples.

For the purposes of this assessment, all soil analytical results were compared to the most stringent Tier I Soil Remediation Objectives (SROs) for residential properties identified in Section 35 Illinois Administrative Code (IAC) Part 742 – Tiered Approach to Corrective Action Objectives (TACO). In general, the SROs outlined in TACO are subdivided into three primary exposure pathways, including the soil ingestion, soil inhalation, and soil component of the groundwater ingestion exposure route (SCGIER). Illinois TACO also has prepared a table (Table G) which outlines inorganic contamination limits that may be typically found in metropolitan areas or areas where inorganic contamination could be naturally occurring. K-Plus compared analytical results to this table. Additionally, K-Plus consulted the IEPA Background Study for PNA levels titled "*Polynuclear Aromatic Hydrocarbon Background Study, City of Chicago*".

A review of the laboratory analytical data showed that samples KP1A and KP2A, collected from 3-4 feet bgs, identified levels of PNAs above the ingestion soil remedial objective. K-Plus further

evaluated the concentrations of Dibenz(a,h)anthracene and Indeno(1,2,3-cd)pyrene by comparing them to the City of Chicago PNA Background levels. The concentrations at the Subject Property also exceeded the amounts typically seen within the City of Chicago. The deeper sample collected from KP2B at 10-11 feet bgs did not show the same levels of PNA impacts as the shallower sample.

Arsenic was identified in samples KP3A, KP3B, KP5B and KP7B above the Ingestion SRO and above the Background Concentrations (TACO-Table G).

TCLP Lead was identified in sample KP2 above the SCGIER SRO.

Tables of the soil laboratory analytical results are presented in Appendix 3 and laboratory data sheets are found in Appendix 4.

5.3 Groundwater Analytical Results

K-Plus installed one temporary groundwater monitoring well on July 6, 2010. The temporary groundwater monitoring well was set at depths from 5 foot to 15 foot below grade. The well was purged for approximately three well volumes and never ran dry. K-Plus collected groundwater samples from KP1W. K-Plus analyzed the groundwater collected from sample KP1 for VOC constituents and PNA constituents. No PNA contamination was identified in the groundwater. However, vinyl chloride and cis-1,2 dicholorethene (both daughter products of trichloroethene) were identified in the groundwater above the groundwater remediation objectives. Trichloroethene was identified in the shallow soil sampled from KP1, however it was not identified in concentrations above soil remediation objectives for either Industrial/Commercial properties or Residential properties.

The sample results obtained from KP1W do not pose an immediate threat to human health though because the Town of Cicero is supplied by Lake Michigan water, and has an approved MOU with the Illinois Environmental Protection Agency. This MOU prohibits the installation of potable wells within the Town of Cicero.

6.0 CONCLUSIONS

This investigation was conducted in order to determine the extent of VOC, PNA and RCRA metal contamination at the property located at 1926 S. Laramie Avenue in Cicero, Illinois based on former operations.

K-Plus identified a small area in the parking lot behind the building with low level PNA contamination in the shallow soil samples. Also, K-Plus noted low level arsenic contamination throughout the property; however the elevated presence of arsenic has been noted as consistent throughout the Cicero area based on the surrounding subsurface investigations conducted in the area.

Finally, K-Plus identified low-level solvent contamination in the shallow groundwater sample collected from the northwest corner of the Subject Property.

APPENDIX 1

DETAILED SITE FIGURES

ENVIRONMENTAL SERVICES
15 SPINNING WHEEL . SUITE 320 . HINSDALE, IL 60521
P 312.207.1600 . F 312.831.2191 . WWW.KPL US.COM

Site Map

1926 S. Laramie Avenue
Cicero, Illinois
Cook County

Date: January 2010

Scale: 0 80 160

Document No. 17094L

ENVIRONMENTAL SERVICES
15 SPINNING WHEEL . SUITE 320 . HINSDALE, IL 60521
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Boring Location Map

1926 S. Laramie Avenue
Cicero, Illinois
Cook County

Date: July, 2010

Scale: 0 80 160

Document No. 17094L

APPENDIX 2

BORING LOGS

TEST BORING LOG

ENVIRONMENTAL SERVICES

Suite 320
15 Spinning Wheel Drive
Hinsdale, Illinois 60521
312.207.1600

BORING / WELL NUMBER			
KP1			
PROJECT NUMBER	PROJECT NAME	PROJECT LOCATION	
17094L	Defender Door	1926 S. Laramie Avenue, Cicero, Illinois	
GEOLOGIST		DRILLING CONTRACTOR	
Jessica Madsen		Enviro-Dynamics, Inc.	
DRILLING EQUIPMENT / METHOD	SIZE / TYPE OF BIT	SAMPLING METHOD	START - FINISH DATE
Geoprobe	2"	Macro Core	7/6/10 - 7/6/10

WELL INSTALLED?	CASING MAT. / DIAMETER	SCREEN: TYPE	MATERIAL	LENGTH	DIAMETER	SLOT SIZE
Yes						

ELEVATION OF: (FT. ABOVE M.S.L.)	GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM OF SCREEN	GW SURFACE	DATE

DEPTH	LAB SAMPLE	RECOVERY (%)	PID (ppm)	REMARKS	UNIFIED CLASS.	DESCRIPTION	GEO.	WELL CONST.
2		50		no odors		asphalt dark brown Clay		
	KP1A		0					
4						brown and gray mottled Clay		
6		80		no odors				
			0			groundwater noted		
8						soft brown Clay		
10		100		no odors				
			0					
12	KP1B					shelby tube		
14		90		no odors				
			0					
16						EOB @ 16'		
18								
20								

CONCRETE SAND RISER
FILL SILT SCREEN
CLAY WATER DEPTH

TEST BORING LOG

ENVIRONMENTAL SERVICES

Suite 320
15 Spinning Wheel Drive
Hinsdale, Illinois 60521
312.207.1600

BORING / WELL NUMBER			
KP2			
PROJECT NUMBER	PROJECT NAME	PROJECT LOCATION	
17094L	Defender Door	1926 S. Laramie Avenue, Cicero, Illinois	
GEOLOGIST		DRILLING CONTRACTOR	
Jessica Madsen		Enviro-Dynamics, Inc.	
DRILLING EQUIPMENT / METHOD	SIZE / TYPE OF BIT	SAMPLING METHOD	START - FINISH DATE
Geoprobe	2"	Macro Core	7/6/10 - 7/6/10

WELL INSTALLED?	CASING MAT. / DIAMETER	SCREEN: TYPE	MATERIAL	LENGTH	DIAMETER	SLOT SIZE
No						

ELEVATION OF: (FT. ABOVE M.S.L.)	GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM OF SCREEN	GW SURFACE	DATE

DEPTH	LAB SAMPLE	RECOVERY (%)	PID (ppm)	REMARKS	UNIFIED CLASS.	DESCRIPTION	GEO.	WELL CONST.
2		50		no odors		asphalt/fill stiff brown Clay		
	KP2A		0.2			black Sand		
4	KP2TACO					brown and gray mottled Clay		
6		50		no odors				
			0			groundwater noted		
8						brown Clay		
10	KP2B	100		no odors				
			0					
12						moist gray Clay		
14		100		no odors				
			0					
16						EOB @ 16'		
18								
20								

CONCRETE SAND RISER
FILL SILT SCREEN
CLAY WATER DEPTH

TEST BORING LOG

ENVIRONMENTAL SERVICES

Suite 320
15 Spinning Wheel Drive
Hinsdale, Illinois 60521
312.207.1600

BORING / WELL NUMBER					
KP3					
PROJECT NUMBER	PROJECT NAME		PROJECT LOCATION		
17094L	Defender Door		1926 S. Laramie Avenue, Cicero, Illinois		
GEOLOGIST			DRILLING CONTRACTOR		
Jessica Madsen			Enviro-Dynamics, Inc.		
DRILLING EQUIPMENT / METHOD	SIZE / TYPE OF BIT		SAMPLING METHOD	START - FINISH DATE	
Geoprobe	2"		Macro Core	7/6/10 - 7/6/10	
WELL INSTALLED?	CASING MAT. / DIAMETER	SCREEN: TYPE	MATERIAL	LENGTH	DIAMETER / SLOT SIZE
No					
ELEVATION OF: (FT. ABOVE M.S.L.)	GROUND SURFACE	TOP OF WELL CASING	TOP & BOTTOM OF SCREEN	GW SURFACE	DATE

DEPTH	LAB SAMPLE	RECOVERY (%)	PID (ppm)	REMARKS	UNIFIED CLASS.	DESCRIPTION	GEO.	WELL CONST.
2		50	0	no odors		asphalt dark brown Clay		
4								
6	KP3A	90	0	no odors		brown and gray mottled Clay groundwater noted		
8								
10	KP3B	90	0	no odors		soft brown Clay		
12						EOB @ 12'		
14								
16								
18								
20								

CONCRETE SAND RISER
FILL SILT SCREEN
CLAY WATER DEPTH

TEST BORING LOG

ENVIRONMENTAL SERVICES

Suite 320
15 Spinning Wheel Drive
Hinsdale, Illinois 60521
312.207.1600

BORING / WELL NUMBER								
KP4								
PROJECT NUMBER	PROJECT NAME			PROJECT LOCATION				
17094L	Defender Door			1926 S. Laramie Avenue, Cicero, Illinois				
GEOLOGIST				DRILLING CONTRACTOR				
Jessica Madsen				Enviro-Dynamics, Inc.				
DRILLING EQUIPMENT / METHOD		SIZE / TYPE OF BIT		SAMPLING METHOD			START - FINISH DATE	
Geoprobe		2"		Macro Core			7/6/10 - 7/6/10	
WELL INSTALLED?	CASING MAT. / DIAMETER	SCREEN:	TYPE	MATERIAL	LENGTH		DIAMETER	SLOT SIZE
No								
ELEVATION OF: (FT. ABOVE M.S.L.)	GROUND SURFACE	TOP OF WELL CASING			TOP & BOTTOM OF SCREEN		GW SURFACE	DATE

DEPTH	LAB SAMPLE	RECOVERY (%)	PID (ppm)	REMARKS	UNIFIED CLASS.	DESCRIPTION	GEO.	WELL CONST.
2		60	0	no odors		asphalt dark brown Clay		
4	KP4A					brown and gray mottled Clay		
6		50	0	no odors		groundwater noted		
8								
10	KP4B	100	0	no odors		soft brown Clay		
12						EOB @ 12'		
14								
16								
18								
20								

CONCRETE SAND RISER
FILL SILT SCREEN
CLAY WATER DEPTH

TEST BORING LOG

ENVIRONMENTAL SERVICES

Suite 320
15 Spinning Wheel Drive
Hinsdale, Illinois 60521
312.207.1600

BORING / WELL NUMBER							
KP5							
PROJECT NUMBER	PROJECT NAME			PROJECT LOCATION			
17094L	Defender Door			1926 S. Laramie Avenue, Cicero, Illinois			
GEOLOGIST				DRILLING CONTRACTOR			
Jessica Madsen				Enviro-Dynamics, Inc.			
DRILLING EQUIPMENT / METHOD		SIZE / TYPE OF BIT		SAMPLING METHOD		START - FINISH DATE	
Geoprobe		2"		Macro Core		7/6/10 - 7/6/10	
WELL INSTALLED?	CASING MAT. / DIAMETER	SCREEN:	TYPE	MATERIAL	LENGTH	DIAMETER	SLOT SIZE
No							
ELEVATION OF: (FT. ABOVE M.S.L.)	GROUND SURFACE	TOP OF WELL CASING			TOP & BOTTOM OF SCREEN	GW SURFACE	DATE

DEPTH	LAB SAMPLE	RECOVERY (%)	PID (ppm)	REMARKS	UNIFIED CLASS.	DESCRIPTION	GEO.	WELL CONST.
2		50	0	no odors		concrete gravel		
4	KP5A					dark brown Clay		
6		90	0	no odors		groundwater noted		
8								
10		90	0	no odors		stiff brown Clay		
12	KP5B					EOB @ 12'		
14								
16								
18								
20								

CONCRETE SAND RISER
FILL SILT SCREEN
CLAY WATER DEPTH

TEST BORING LOG

ENVIRONMENTAL SERVICES

Suite 320
15 Spinning Wheel Drive
Hinsdale, Illinois 60521
312.207.1600

BORING / WELL NUMBER							
KP6							
PROJECT NUMBER	PROJECT NAME			PROJECT LOCATION			
17094L	Defender Door			1926 S. Laramie Avenue, Cicero, Illinois			
GEOLOGIST				DRILLING CONTRACTOR			
Jessica Madsen				Enviro-Dynamics, Inc.			
DRILLING EQUIPMENT / METHOD		SIZE / TYPE OF BIT		SAMPLING METHOD		START - FINISH DATE	
Geoprobe		2"		Macro Core		7/6/10 - 7/6/10	
WELL INSTALLED?	CASING MAT. / DIAMETER	SCREEN:	TYPE	MATERIAL	LENGTH	DIAMETER	SLOT SIZE
No							
ELEVATION OF: (FT. ABOVE M.S.L.)	GROUND SURFACE	TOP OF WELL CASING			TOP & BOTTOM OF SCREEN	GW SURFACE	DATE

DEPTH	LAB SAMPLE	RECOVERY (%)	PID (ppm)	REMARKS	UNIFIED CLASS.	DESCRIPTION	GEO.	WELL CONST.
2		10	0	no odors		concrete gravel dark brown Clay		
4	KP6A	70	0	no odors		brown and gray mottled Clay groundwater noted		
8		60	0	no odors		brown Clay		
10	KP6B							
12						EOB @ 12'		
14								
16								
18								
20								

CONCRETE SAND RISER
FILL SILT SCREEN
CLAY WATER DEPTH

TEST BORING LOG

ENVIRONMENTAL SERVICES

Suite 320
15 Spinning Wheel Drive
Hinsdale, Illinois 60521
312.207.1600

BORING / WELL NUMBER							
KP7							
PROJECT NUMBER	PROJECT NAME			PROJECT LOCATION			
17094L	Defender Door			1926 S. Laramie Avenue, Cicero, Illinois			
GEOLOGIST				DRILLING CONTRACTOR			
Jessica Madsen				Enviro-Dynamics, Inc.			
DRILLING EQUIPMENT / METHOD		SIZE / TYPE OF BIT		SAMPLING METHOD		START - FINISH DATE	
Geoprobe		2"		Macro Core		7/6/10 - 7/6/10	
WELL INSTALLED?	CASING MAT. / DIAMETER	SCREEN:	TYPE	MATERIAL	LENGTH	DIAMETER	SLOT SIZE
No							
ELEVATION OF: (FT. ABOVE M.S.L.)	GROUND SURFACE	TOP OF WELL CASING			TOP & BOTTOM OF SCREEN	GW SURFACE	DATE

DEPTH	LAB SAMPLE	RECOVERY (%)	PID (ppm)	REMARKS	UNIFIED CLASS.	DESCRIPTION	GEO.	WELL CONST.
2		30	0	no odors		concrete gravel dark brown Clay		
4	KP7A							
6		90	0	no odors		brown and gray mottled Clay groundwater noted		
8								
10		100		no odors		soft brown Clay		
12	KP7B		0			brown Sand		
14						EOB @ 12'		
16								
18								
20								

CONCRETE SAND RISER
FILL SILT SCREEN
CLAY WATER DEPTH

APPENDIX 3

ANALYTICAL RESULT TABLES

Soil Results Table
Industrial SROs

									Laboratory ID :	10070107-001	10070107-003	10070107-004	10070107-005
									Client Sample ID :	KP1A	KP2A	KP2B	KP2TACO
									Date Collected :	07/06/2010 08:10	07/06/2010 08:40	07/06/2010 08:40	07/06/2010 08:40
			Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values						
	CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	ADL				
VOC	67-64-1	Acetone	-----	100,000	-----	100,000	25	25		< 0.074	< 0.071	< 0.067	
	71-43-2	Benzene	100	1.6	2,300	2.2	0.03	0.17		0.0058	< 0.0047	< 0.0045	
	75-27-4	Bromodichloromethane	92	3,000	2,000	3,000	0.6	0.6		< 0.0049	< 0.0047	< 0.0045	
	75-25-2	Bromoform	720	100	16,000	140	0.8	0.8		< 0.0049	< 0.0047	< 0.0045	
	74-83-9	Bromomethane	2,900	15	1,000	3.9	0.2	1.2		< 0.0099	< 0.0094	< 0.009	
	78-93-3	2-Butanone								< 0.074	< 0.071	< 0.067	
	75-15-0	Carbon disulfide	200,000	720	20,000	9.0	32	160		< 0.049	< 0.047	< 0.045	
	56-23-5	Carbon tetrachloride	44	0.64	410	0.90	0.07	0.33		< 0.0049	< 0.0047	< 0.0045	
	108-90-7	Chlorobenzene	41,000	210	4,100	1.3	1	6.5		< 0.0049	< 0.0047	< 0.0045	
	75-00-3	Chloroethane								< 0.0099	< 0.0094	< 0.009	
	67-66-3	Chloroform	940	0.54	2,000	0.76	0.6	2.9		< 0.0049	< 0.0047	< 0.0045	
	74-87-3	Chloromethane								< 0.0099	< 0.0094	< 0.009	
	124-48-1	Dibromochloromethane	41,000	1,300	41,000	1,300	0.4	0.4		< 0.0049	< 0.0047	< 0.0045	
	75-34-3	1,1-Dichloroethane	200,000	1,700	200,000	130	23	110		< 0.0049	< 0.0047	< 0.0045	
	107-06-2	1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	0.1		< 0.0049	< 0.0047	< 0.0045	
	75-35-4	1,1-Dichloroethene	100,000	470	10,000	3.0	0.06	0.3		< 0.0049	< 0.0047	< 0.0045	
	156-59-2	cis-1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	1.1		< 0.0049	< 0.0047	< 0.0045	
	156-60-5	trans-1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	3.4		0.0051	< 0.0047	< 0.0045	
	78-87-5	1,2-Dichloropropane	84	23	1,800	0.50	0.03	0.15		< 0.0049	< 0.0047	< 0.0045	
	10061-01-5	cis-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	0.005	< 0.002	< 0.0019	< 0.0018	
	10061-02-6	trans-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	0.005	< 0.002	< 0.0019	< 0.0018	
	100-41-4	Ethylbenzene	200,000	400	20,000	58	13	19		< 0.0049	< 0.0047	< 0.0045	
	591-78-6	2-Hexanone								< 0.02	< 0.019	< 0.018	
	108-10-1	4-Methyl-2-pentanone								< 0.02	< 0.019	< 0.018	
	75-09-2	Methylene chloride	760	24	12,000	34	0.02	0.2		< 0.0099	< 0.0094	< 0.009	
	1634-04-4	Methyl tert-butyl ether	20,000	8,800	2,000	140	0.32	0.32		< 0.0049	< 0.0047	< 0.0045	
	100-42-5	Styrene	410,000	1,500	41,000	430	4	18		< 0.0049	< 0.0047	< 0.0045	
	79-34-5	1,1,2,2-Tetrachloroethane								< 0.0049	< 0.0047	< 0.0045	
	127-18-4	Tetrachloroethene	110	20	2,400	28	0.06	0.3		< 0.0049	< 0.0047	< 0.0045	
	108-88-3	Toluene	410,000	650	410,000	42	12	29		< 0.0049	< 0.0047	< 0.0045	
	71-55-6	1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6		< 0.0049	< 0.0047	< 0.0045	
	79-00-5	1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	0.3		< 0.0049	< 0.0047	< 0.0045	
	79-01-6	Trichloroethene	520	8.9	1,200	12	0.06	0.3		0.0075	< 0.0047	< 0.0045	
	75-01-4	Vinyl chloride	7.9	1.1	170	1.1	0.01	0.07		< 0.0049	< 0.0047	0.0056	
	1330-20-7	Xylenes, Total	410,000	320	41,000	5.6	150	150		< 0.015	< 0.014	< 0.013	

Soil Results Table
Industrial SROs

			Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values						
	CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	ADL				
Laboratory ID :										10070107-001	10070107-003	10070107-004	10070107-005
Client Sample ID :										KP1A	KP2A	KP2B	KP2TACO
Date Collected :										07/06/2010 08:10	07/06/2010 08:40	07/06/2010 08:40	07/06/2010 08:40
PNA	83-32-9	Acenaphthene	120,000	---	120,000	---	570	2,900		< 0.037	< 0.037	< 0.028	
	208-96-8	Acenaphthylene								< 0.037	0.071	< 0.028	
	120-12-7	Anthracene	610,000	---	610,000	---	12,000	59,000		< 0.037	0.35	< 0.028	
	56-55-3	Benz(a)anthracene	8	---	170	---	2	8		1.3	1.3	< 0.028	
	50-32-8	Benzo(a)pyrene	0.8	---	17	---	8	82		**2.3**	**0.83**	< 0.028	
	205-99-2	Benzo(b)fluoranthene	8	---	170	---	5	25		2.5	1.2	< 0.028	
	191-24-2	Benzo(g,h,i)perylene								2.8	0.83	< 0.028	
	207-08-9	Benzo(k)fluoranthene	78	---	1,700	---	49	250		1.7	1.2	< 0.028	
	218-01-9	Chrysene	780	---	17,000	---	160	800		1.7	1.3	< 0.028	
	53-70-3	Dibenz(a,h)anthracene	0.8	---	17	---	2	7.6		**0.96**	0.33	< 0.028	
	206-44-0	Fluoranthene	82,000	---	82,000	---	4,300	21,000		0.99	2.3	< 0.028	
	86-73-7	Fluorene	82,000	---	82,000	---	560	2,800		< 0.037	0.12	< 0.028	
	193-39-5	Indeno(1,2,3-cd)pyrene	8	---	170	---	14	69		1.9	0.73	< 0.028	
	91-20-3	Naphthalene	41,000	270	4,100	1.8	12	18		0.041	< 0.037	< 0.028	
	85-01-8	Phenanthrene								0.18	1	< 0.028	
	129-00-0	Pyrene	61,000	---	61,000	---	4,200	21,000		1.1	2	< 0.028	
INORG	7440-38-2	Arsenic	13.0/11.3	1,200	61	25,000				4.3	11	5.3	
	7440-39-3	Barium	140,000	910,000	14,000	870,000				39	42	29	
	7440-43-9	Cadmium	2,000	2,800	200	59,000				< 0.52	< 0.54	< 0.52	
	7440-47-3	Chromium	6,100	420	4,100	690				12	17	17	
	7439-92-1	Lead	800	---	700	---				34	22	12	
	7439-97-6	Mercury	610	16	61	0.1				< 0.027	< 0.027	< 0.027	
	7782-49-2	Selenium	10,000	---	1,000	---				< 1	< 1.1	< 1	
	7440-22-4	Silver	10,000	---	1,000	---				< 1	< 1.1	< 1	
TCLP	7440-38-2	Arsenic					0.05	0.2					< 0.01
	7440-39-3	Barium					2.0	2.0					0.17
	7440-43-9	Cadmium					0.005	0.05					< 0.005
	7440-47-3	Chromium					0.1	1.0					< 0.01
	7439-92-1	Lead					0.0075	0.1					**0.026**
	7439-97-6	Mercury					0.002	0.01					< 0.0002
	7782-49-2	Selenium					0.05	0.05					< 0.01
	7440-22-4	Silver					0.05	---					< 0.01

Soil Results Table
Industrial SROs

									Laboratory ID :	10070107-006	10070107-007	10070107-008	10070107-009
									Client Sample ID :	KP3A	KP3B	KP4A	KP4B
									Date Collected :	07/06/2010 09:00	07/06/2010 09:00	07/06/2010 09:20	07/06/2010 09:20
			Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values						
	CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	ADL				
VOC	67-64-1	Acetone	-----	100,000	-----	100,000	25	25		< 0.076	< 0.07	< 0.067	< 0.073
	71-43-2	Benzene	100	1.6	2,300	2.2	0.03	0.17		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	75-27-4	Bromodichloromethane	92	3,000	2,000	3,000	0.6	0.6		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	75-25-2	Bromoform	720	100	16,000	140	0.8	0.8		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	74-83-9	Bromomethane	2,900	15	1,000	3.9	0.2	1.2		< 0.01	< 0.0094	< 0.0089	< 0.0098
	78-93-3	2-Butanone								< 0.076	< 0.07	< 0.067	< 0.073
	75-15-0	Carbon disulfide	200,000	720	20,000	9.0	32	160		< 0.051	< 0.047	< 0.045	< 0.049
	56-23-5	Carbon tetrachloride	44	0.64	410	0.90	0.07	0.33		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	108-90-7	Chlorobenzene	41,000	210	4,100	1.3	1	6.5		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	75-00-3	Chloroethane								< 0.01	< 0.0094	< 0.0089	< 0.0098
	67-66-3	Chloroform	940	0.54	2,000	0.76	0.6	2.9		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	74-87-3	Chloromethane								< 0.01	< 0.0094	< 0.0089	< 0.0098
	124-48-1	Dibromochloromethane	41,000	1,300	41,000	1,300	0.4	0.4		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	75-34-3	1,1-Dichloroethane	200,000	1,700	200,000	130	23	110		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	107-06-2	1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	0.1		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	75-35-4	1,1-Dichloroethene	100,000	470	10,000	3.0	0.06	0.3		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	156-59-2	cis-1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	1.1		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	156-60-5	trans-1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	3.4		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	78-87-5	1,2-Dichloropropane	84	23	1,800	0.50	0.03	0.15		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	10061-01-5	cis-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	0.005	< 0.002	< 0.0019	< 0.0018	< 0.002
	10061-02-6	trans-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	0.005	< 0.002	< 0.0019	< 0.0018	< 0.002
	100-41-4	Ethylbenzene	200,000	400	20,000	58	13	19		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	591-78-6	2-Hexanone								< 0.02	< 0.019	< 0.018	< 0.02
	108-10-1	4-Methyl-2-pentanone								< 0.02	< 0.019	< 0.018	< 0.02
	75-09-2	Methylene chloride	760	24	12,000	34	0.02	0.2		< 0.01	< 0.0094	< 0.0089	< 0.0098
	1634-04-4	Methyl tert-butyl ether	20,000	8,800	2,000	140	0.32	0.32		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	100-42-5	Styrene	410,000	1,500	41,000	430	4	18		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	79-34-5	1,1,2,2-Tetrachloroethane								< 0.0051	< 0.0047	< 0.0045	< 0.0049
	127-18-4	Tetrachloroethene	110	20	2,400	28	0.06	0.3		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	108-88-3	Toluene	410,000	650	410,000	42	12	29		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	71-55-6	1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	79-00-5	1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	0.3		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	79-01-6	Trichloroethene	520	8.9	1,200	12	0.06	0.3		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	75-01-4	Vinyl chloride	7.9	1.1	170	1.1	0.01	0.07		< 0.0051	< 0.0047	< 0.0045	< 0.0049
	1330-20-7	Xylenes, Total	410,000	320	41,000	5.6	150	150		< 0.015	< 0.014	< 0.013	< 0.015

Soil Results Table
Industrial SROs

			Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values						
	CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	ADL				
Laboratory ID :										10070107-006	10070107-007	10070107-008	10070107-009
Client Sample ID :										KP3A	KP3B	KP4A	KP4B
Date Collected :										07/06/2010 09:00	07/06/2010 09:00	07/06/2010 09:20	07/06/2010 09:20
PNA	83-32-9	Acenaphthene	120,000	---	120,000	---	570	2,900		0.04	< 0.031	< 0.031	< 0.03
	208-96-8	Acenaphthylene								< 0.032	< 0.031	< 0.031	< 0.03
	120-12-7	Anthracene	610,000	---	610,000	---	12,000	59,000		< 0.032	< 0.031	< 0.031	< 0.03
	56-55-3	Benz(a)anthracene	8	---	170	---	2	8		< 0.032	< 0.031	< 0.031	< 0.03
	50-32-8	Benzo(a)pyrene	0.8	---	17	---	8	82		< 0.032	< 0.031	< 0.031	< 0.03
	205-99-2	Benzo(b)fluoranthene	8	---	170	---	5	25		< 0.032	< 0.031	< 0.031	< 0.03
	191-24-2	Benzo(g,h,i)perylene								< 0.032	< 0.031	< 0.031	< 0.03
	207-08-9	Benzo(k)fluoranthene	78	---	1,700	---	49	250		< 0.032	< 0.031	< 0.031	< 0.03
	218-01-9	Chrysene	780	---	17,000	---	160	800		0.05	< 0.031	< 0.031	< 0.03
	53-70-3	Dibenz(a,h)anthracene	0.8	---	17	---	2	7.6		< 0.032	< 0.031	< 0.031	< 0.03
	206-44-0	Fluoranthene	82,000	---	82,000	---	4,300	21,000		< 0.032	< 0.031	< 0.031	< 0.03
	86-73-7	Fluorene	82,000	---	82,000	---	560	2,800		0.04	< 0.031	< 0.031	< 0.03
	193-39-5	Indeno(1,2,3-cd)pyrene	8	---	170	---	14	69		< 0.032	< 0.031	< 0.031	< 0.03
	91-20-3	Naphthalene	41,000	270	4,100	1.8	12	18		< 0.032	< 0.031	< 0.031	< 0.03
	85-01-8	Phenanthrene								0.032	< 0.031	< 0.031	< 0.03
	129-00-0	Pyrene	61,000	---	61,000	---	4,200	21,000		0.04	< 0.031	< 0.031	< 0.03
INORG	7440-38-2	Arsenic	13.0/11.3	1,200	61	25,000				**13**	**18**	8.3	7.7
	7440-39-3	Barium	140,000	910,000	14,000	870,000				130	51	80	38
	7440-43-9	Cadmium	2,000	2,800	200	59,000				< 0.6	< 0.58	< 0.61	< 0.56
	7440-47-3	Chromium	6,100	420	4,100	690				30	20	27	22
	7439-92-1	Lead	800	---	700	---				24	21	21	14
	7439-97-6	Mercury	610	16	61	0.1				< 0.031	< 0.029	< 0.029	< 0.03
	7782-49-2	Selenium	10,000	---	1,000	---				< 1.2	< 1.2	< 1.2	< 1.1
	7440-22-4	Silver	10,000	---	1,000	---				< 1.2	< 1.2	< 1.2	< 1.1
TCLP	7440-38-2	Arsenic					0.05	0.2					
	7440-39-3	Barium					2.0	2.0					
	7440-43-9	Cadmium					0.005	0.05					
	7440-47-3	Chromium					0.1	1.0					
	7439-92-1	Lead					0.0075	0.1					
	7439-97-6	Mercury					0.002	0.01					
	7782-49-2	Selenium					0.05	0.05					
	7440-22-4	Silver					0.05	---					

Soil Results Table
Industrial SROs

									Laboratory ID :	10070107-010	10070107-011	10070107-012	10070107-013	10070107-014	10070107-015
									Client Sample ID :	KP5A	KP5B	KP6A	KP6B	KP7A	KP7B
									Date Collected :	07/06/2010 09:45	07/06/2010 09:45	07/06/2010 10:15	07/06/2010 10:15	07/06/2010 10:30	07/06/2010 10:30
			Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values								
	CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	ADL						
VOC	67-64-1	Acetone	-----	100,000	-----	100,000	25	25		< 0.074	< 0.069	< 0.067	< 0.07	< 0.078	< 0.07
	71-43-2	Benzene	100	1.6	2,300	2.2	0.03	0.17		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	75-27-4	Bromodichloromethane	92	3,000	2,000	3,000	0.6	0.6		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	75-25-2	Bromoform	720	100	16,000	140	0.8	0.8		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	74-83-9	Bromomethane	2,900	15	1,000	3.9	0.2	1.2		< 0.0098	< 0.0092	< 0.0089	< 0.0093	< 0.01	< 0.0093
	78-93-3	2-Butanone								< 0.074	< 0.069	< 0.067	< 0.07	< 0.078	< 0.07
	75-15-0	Carbon disulfide	200,000	720	20,000	9.0	32	160		< 0.049	< 0.046	< 0.045	< 0.047	< 0.052	< 0.046
	56-23-5	Carbon tetrachloride	44	0.64	410	0.90	0.07	0.33		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	108-90-7	Chlorobenzene	41,000	210	4,100	1.3	1	6.5		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	75-00-3	Chloroethane								< 0.0098	< 0.0092	< 0.0089	< 0.0093	< 0.01	< 0.0093
	67-66-3	Chloroform	940	0.54	2,000	0.76	0.6	2.9		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	74-87-3	Chloromethane								< 0.0098	< 0.0092	< 0.0089	< 0.0093	< 0.01	< 0.0093
	124-48-1	Dibromochloromethane	41,000	1,300	41,000	1,300	0.4	0.4		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	75-34-3	1,1-Dichloroethane	200,000	1,700	200,000	130	23	110		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	107-06-2	1,2-Dichloroethane	63	0.70	1,400	0.99	0.02	0.1		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	75-35-4	1,1-Dichloroethene	100,000	470	10,000	3.0	0.06	0.3		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	156-59-2	cis-1,2-Dichloroethene	20,000	1,200	20,000	1,200	0.4	1.1		< 0.0049	< 0.0046	< 0.0045	0.014	< 0.0052	< 0.0046
	156-60-5	trans-1,2-Dichloroethene	41,000	3,100	41,000	3,100	0.7	3.4		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	78-87-5	1,2-Dichloropropane	84	23	1,800	0.50	0.03	0.15		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	10061-01-5	cis-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	0.005	< 0.002	< 0.0018	< 0.0018	< 0.0019	< 0.0021	< 0.0019
	10061-02-6	trans-1,3-Dichloropropene	57	2.1	1,200	0.39	0.004	0.02	0.005	< 0.002	< 0.0018	< 0.0018	< 0.0019	< 0.0021	< 0.0019
	100-41-4	Ethylbenzene	200,000	400	20,000	58	13	19		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	591-78-6	2-Hexanone								< 0.02	< 0.018	< 0.018	< 0.019	< 0.021	< 0.019
	108-10-1	4-Methyl-2-pentanone								< 0.02	< 0.018	< 0.018	< 0.019	< 0.021	< 0.019
	75-09-2	Methylene chloride	760	24	12,000	34	0.02	0.2		< 0.0098	< 0.0092	< 0.0089	< 0.0093	< 0.01	< 0.0093
	1634-04-4	Methyl tert-butyl ether	20,000	8,800	2,000	140	0.32	0.32		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	100-42-5	Styrene	410,000	1,500	41,000	430	4	18		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	79-34-5	1,1,2,2-Tetrachloroethane								< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	127-18-4	Tetrachloroethene	110	20	2,400	28	0.06	0.3		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	108-88-3	Toluene	410,000	650	410,000	42	12	29		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	71-55-6	1,1,1-Trichloroethane	---	1,200	---	1,200	2	9.6		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	79-00-5	1,1,2-Trichloroethane	8,200	1,800	8,200	1,800	0.02	0.3		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	79-01-6	Trichloroethene	520	8.9	1,200	12	0.06	0.3		< 0.0049	< 0.0046	< 0.0045	0.0093	< 0.0052	< 0.0046
	75-01-4	Vinyl chloride	7.9	1.1	170	1.1	0.01	0.07		< 0.0049	< 0.0046	< 0.0045	< 0.0047	< 0.0052	< 0.0046
	1330-20-7	Xylenes, Total	410,000	320	41,000	5.6	150	150		< 0.015	< 0.014	< 0.013	< 0.014	< 0.016	< 0.014

Soil Results Table

Industrial SROs

			Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values							
	CAS No.	Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	ADL					
Laboratory ID :										10070107-010	10070107-011	10070107-012	10070107-013	10070107-014	10070107-015
Client Sample ID :										KP5A	KP5B	KP6A	KP6B	KP7A	KP7B
Date Collected :										07/06/2010 09:45	07/06/2010 09:45	07/06/2010 10:15	07/06/2010 10:15	07/06/2010 10:30	07/06/2010 10:30
PNA	83-32-9	Acenaphthene	120,000	---	120,000	---	570	2,900		< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	208-96-8	Acenaphthylene								< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	120-12-7	Anthracene	610,000	---	610,000	---	12,000	59,000		< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	56-55-3	Benz(a)anthracene	8	---	170	---	2	8		< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	50-32-8	Benzo(a)pyrene	0.8	---	17	---	8	82		< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	205-99-2	Benzo(b)fluoranthene	8	---	170	---	5	25		< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	191-24-2	Benzo(g,h,i)perylene								< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	207-08-9	Benzo(k)fluoranthene	78	---	1,700	---	49	250		< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	218-01-9	Chrysene	780	---	17,000	---	160	800		< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	53-70-3	Dibenz(a,h)anthracene	0.8	---	17	---	2	7.6		< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	206-44-0	Fluoranthene	82,000	---	82,000	---	4,300	21,000		< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	86-73-7	Fluorene	82,000	---	82,000	---	560	2,800		< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	193-39-5	Indeno(1,2,3-cd)pyrene	8	---	170	---	14	69		< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	91-20-3	Naphthalene	41,000	270	4,100	1.8	12	18		< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	85-01-8	Phenanthrene								< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
	129-00-0	Pyrene	61,000	---	61,000	---	4,200	21,000		< 0.031	< 0.031	< 0.03	< 0.031	< 0.031	< 0.028
INORG	7440-38-2	Arsenic	13.0/11.3	1,200	61	25,000				8.1	**12**	5.9	9.4	6.6	**14**
	7440-39-3	Barium	140,000	910,000	14,000	870,000				54	72	83	77	71	17
	7440-43-9	Cadmium	2,000	2,800	200	59,000				< 0.59	< 0.55	< 0.54	< 0.59	< 0.59	< 0.51
	7440-47-3	Chromium	6,100	420	4,100	690				30	21	27	18	27	15
	7439-92-1	Lead	800	---	700	---				16	13	22	16	23	20
	7439-97-6	Mercury	610	16	61	0.1				< 0.03	< 0.03	0.032	< 0.028	< 0.029	0.029
	7782-49-2	Selenium	10,000	---	1,000	---				< 1.2	< 1.1	< 1.1	< 1.2	< 1.2	< 1
	7440-22-4	Silver	10,000	---	1,000	---				< 1.2	< 1.1	< 1.1	< 1.2	< 1.2	< 1
TCLP	7440-38-2	Arsenic					0.05	0.2							
	7440-39-3	Barium					2.0	2.0							
	7440-43-9	Cadmium					0.005	0.05							
	7440-47-3	Chromium					0.1	1.0							
	7439-92-1	Lead					0.0075	0.1							
	7439-97-6	Mercury					0.002	0.01							
	7782-49-2	Selenium					0.05	0.05							
	7440-22-4	Silver					0.05	---							

Groundwater Results Table

				Laboratory ID :		10070107-016
				Client Sample ID :		KP1W
				Date Collected :		07/06/2010 11:00
				Groundwater Remediation Objective		
	CAS No.	Analyte	Units	Class I	Class II	
VOC	67-64-1	Acetone	mg/L	6.3	6.3	< 0.1
	71-43-2	Benzene	mg/L	0.005	0.025	< 0.025
	75-27-4	Bromodichloromethane	mg/L	0.0002	0.0002	< 0.025
	75-25-2	Bromoform	mg/L	0.001	0.001	< 0.025
	74-83-9	Bromomethane	mg/L	0.0098	0.049	< 0.05
	78-93-3	2-Butanone	mg/L			< 0.1
	75-15-0	Carbon disulfide	mg/L	0.7	3.5	< 0.05
	56-23-5	Carbon tetrachloride	mg/L	0.005	0.025	< 0.025
	108-90-7	Chlorobenzene	mg/L	0.1	0.5	< 0.025
	75-00-3	Chloroethane	mg/L			< 0.05
	67-66-3	Chloroform	mg/L	0.0002	0.001	< 0.025
	74-87-3	Chloromethane	mg/L			< 0.05
	124-48-1	Dibromochloromethane	mg/L	0.14	0.14	< 0.025
	75-34-3	1,1-Dichloroethane	mg/L	0.7	3.5	< 0.025
	107-06-2	1,2-Dichloroethane	mg/L	0.005	0.025	< 0.025
	75-35-4	1,1-Dichloroethene	mg/L	0.007	0.035	< 0.025
	156-59-2	cis-1,2-Dichloroethene	mg/L	0.07	0.2	**0.62**
	156-60-5	trans-1,2-Dichloroethene	mg/L	0.1	0.5	0.044
	78-87-5	1,2-Dichloropropane	mg/L	0.005	0.025	< 0.025
	10061-01-5	cis-1,3-Dichloropropene	mg/L	0.001	0.005	< 0.005
	10061-02-6	trans-1,3-Dichloropropene	mg/L	0.001	0.005	< 0.005
	100-41-4	Ethylbenzene	mg/L	0.7	1.0	< 0.025
	591-78-6	2-Hexanone	mg/L			< 0.1
	108-10-1	4-Methyl-2-pentanone	mg/L			< 0.1
	75-09-2	Methylene chloride	mg/L	0.005	0.05	< 0.025
	1634-04-4	Methyl tert-butyl ether	mg/L	0.07	0.07	< 0.025
	100-42-5	Styrene	mg/L	0.1	0.5	< 0.025
	79-34-5	1,1,2,2-Tetrachloroethane	mg/L			< 0.025
	127-18-4	Tetrachloroethene	mg/L	0.005	0.025	< 0.025
	108-88-3	Toluene	mg/L	1.0	2.5	< 0.025
	71-55-6	1,1,1-Trichloroethane	mg/L	0.2	1.0	< 0.025
	79-00-5	1,1,2-Trichloroethane	mg/L	0.005	0.05	< 0.025
	79-01-6	Trichloroethene	mg/L	0.005	0.025	< 0.025
	75-01-4	Vinyl chloride	mg/L	0.002	0.01	**0.15**
	1330-20-7	Xylenes, Total	mg/L	10.0	10.0	< 0.075
PNA	83-32-9	Acenaphthene	mg/L	0.42	2.1	< 0.001
	208-96-8	Acenaphthylene	mg/L			< 0.001
	120-12-7	Anthracene	mg/L	2.1	10.5	< 0.001
	56-55-3	Benz(a)anthracene	mg/L	0.00013	0.00065	< 0.0001
	50-32-8	Benzo(a)pyrene	mg/L	0.0002	0.002	< 0.0001
	205-99-2	Benzo(b)fluoranthene	mg/L	0.00018	0.0009	< 0.0001
	191-24-2	Benzo(g,h,i)perylene	mg/L			< 0.001
	207-08-9	Benzo(k)fluoranthene	mg/L	0.00017	0.00085	< 0.0001
	218-01-9	Chrysene	mg/L	0.0015	0.0075	< 0.0001
	53-70-3	Dibenz(a,h)anthracene	mg/L	0.0003	0.0015	< 0.0001
	206-44-0	Fluoranthene	mg/L	0.28	1.4	< 0.001
	86-73-7	Fluorene	mg/L	0.28	1.4	< 0.001
	193-39-5	Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.00215	< 0.0001
	91-20-3	Naphthalene	mg/L	0.14	0.22	< 0.001
	85-01-8	Phenanthrene	mg/L			< 0.001
	129-00-0	Pyrene	mg/L	0.21	1.05	< 0.001

APPENDIX 4

LABORATORY DATA SHEETS

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-0

July 13, 2010

K-Plus Environmental, Inc.
15 Spinning Wheel Drive
Suite 320
Hinsdale, IL 60521
Telephone: (312) 207-1600
Fax: (312) 831-2191

RE: 17094L1926, Defender Door, 1926 S. Laramie STAT Project No: 10070107

Dear Jessica Madsen:

STAT Analysis received 16 samples for the referenced project on 7/6/2010 11:30:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Catia Giannini
Project Manager

Client: K-Plus Environmental, Inc.
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab Order: 10070107

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10070107-001A	KP1A		7/6/2010 8:10:00 AM	7/6/2010
10070107-001B	KP1A		7/6/2010 8:10:00 AM	7/6/2010
10070107-002A	KP1B		7/6/2010 8:10:00 AM	7/6/2010
10070107-003A	KP2A		7/6/2010 8:40:00 AM	7/6/2010
10070107-003B	KP2A		7/6/2010 8:40:00 AM	7/6/2010
10070107-004A	KP2B		7/6/2010 8:40:00 AM	7/6/2010
10070107-004B	KP2B		7/6/2010 8:40:00 AM	7/6/2010
10070107-005A	KP2TACO		7/6/2010 8:40:00 AM	7/6/2010
10070107-006A	KP3A		7/6/2010 9:00:00 AM	7/6/2010
10070107-006B	KP3A		7/6/2010 9:00:00 AM	7/6/2010
10070107-007A	KP3B		7/6/2010 9:00:00 AM	7/6/2010
10070107-007B	KP3B		7/6/2010 9:00:00 AM	7/6/2010
10070107-008A	KP4A		7/6/2010 9:20:00 AM	7/6/2010
10070107-008B	KP4A		7/6/2010 9:20:00 AM	7/6/2010
10070107-009A	KP4B		7/6/2010 9:20:00 AM	7/6/2010
10070107-009B	KP4B		7/6/2010 9:20:00 AM	7/6/2010
10070107-010A	KP5A		7/6/2010 9:45:00 AM	7/6/2010
10070107-010B	KP5A		7/6/2010 9:45:00 AM	7/6/2010
10070107-011A	KP5B		7/6/2010 9:45:00 AM	7/6/2010
10070107-011B	KP5B		7/6/2010 9:45:00 AM	7/6/2010
10070107-012A	KP6A		7/6/2010 10:15:00 AM	7/6/2010
10070107-012B	KP6A		7/6/2010 10:15:00 AM	7/6/2010
10070107-013A	KP6B		7/6/2010 10:15:00 AM	7/6/2010
10070107-013B	KP6B		7/6/2010 10:15:00 AM	7/6/2010
10070107-014A	KP7A		7/6/2010 10:30:00 AM	7/6/2010
10070107-014B	KP7A		7/6/2010 10:30:00 AM	7/6/2010
10070107-015A	KP7B		7/6/2010 10:30:00 AM	7/6/2010
10070107-015B	KP7B		7/6/2010 10:30:00 AM	7/6/2010
10070107-016A	KP1W		7/6/2010 11:00:00 AM	7/6/2010
10070107-016B	KP1W		7/6/2010 11:00:00 AM	7/6/2010

CLIENT: K-Plus Environmental, Inc.
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab Order: 10070107

CASE NARRATIVE

Geotech analysis of sample KP1B (10070107-002A) was conducted at the University of Illinois at Chicago, Department of Civil Engineering under the supervision of Dr. Krishna Reddy.

The VOC soil LCS/LCSD analyzed 02/01/10 had the following outside control limits:
Bromomethane: 68% (LCS) recovery (QC limits 70-130%)
Chloromethane: 62%/65% (LCS/LCSD) recovery (QC limits 70-130%)
This LCS/LCSD is associated with the following samples:
KP14 (10070107-001A)
KP2A (10070107-003A)
KP3A (10070107-006A)
KP3B (10070107-007A)
KP4A (10070107-008A)
KP4B (10070107-009A)
KP5A (10070107-010A)

The PNA soil MS/MSD prepared from sample KP1A (10070107-001) had recoveries outside control limits.

The metals MSD prepared from sample KP6B (10070107-013) had Chromium recovery outside control limits (125.3% (MSD) recovery, QC limits 75-125%). Recovery in the MS and RPD between the MS and MSD were within control limits.

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-001

Client Sample ID: KP1A
Collection Date: 7/6/2010 8:10:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **7/7/2010**		Analyst: **VA**
Mercury	ND	0.027		mg/Kg-dry	1	7/7/2010
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/8/2010**		Analyst: **JG**
Arsenic	4.3	1		mg/Kg-dry	10	7/9/2010
Barium	39	1		mg/Kg-dry	10	7/9/2010
Cadmium	ND	0.52		mg/Kg-dry	10	7/9/2010
Chromium	12	1		mg/Kg-dry	10	7/9/2010
Lead	34	0.52		mg/Kg-dry	10	7/9/2010
Selenium	ND	1		mg/Kg-dry	10	7/9/2010
Silver	ND	1		mg/Kg-dry	10	7/9/2010
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **7/7/2010**		Analyst: **VS**
Acenaphthene	ND	0.037		mg/Kg-dry	10	7/12/2010
Acenaphthylene	ND	0.037		mg/Kg-dry	10	7/12/2010
Anthracene	ND	0.037		mg/Kg-dry	10	7/12/2010
Benz(a)anthracene	1.3	0.037		mg/Kg-dry	10	7/12/2010
Benzo(a)pyrene	2.3	0.037		mg/Kg-dry	10	7/12/2010
Benzo(b)fluoranthene	2.5	0.037		mg/Kg-dry	10	7/12/2010
Benzo(g,h,i)perylene	2.8	0.037		mg/Kg-dry	10	7/12/2010
Benzo(k)fluoranthene	1.7	0.037		mg/Kg-dry	10	7/12/2010
Chrysene	1.7	0.037		mg/Kg-dry	10	7/12/2010
Dibenz(a,h)anthracene	0.96	0.037		mg/Kg-dry	10	7/12/2010
Fluoranthene	0.99	0.037		mg/Kg-dry	10	7/12/2010
Fluorene	ND	0.037		mg/Kg-dry	10	7/12/2010
Indeno(1,2,3-cd)pyrene	1.9	0.037		mg/Kg-dry	10	7/12/2010
Naphthalene	0.041	0.037		mg/Kg-dry	10	7/12/2010
Phenanthrene	0.18	0.037		mg/Kg-dry	10	7/12/2010
Pyrene	1.1	0.037		mg/Kg-dry	10	7/12/2010
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Acetone	ND	0.074		mg/Kg-dry	1	7/9/2010
Benzene	0.0058	0.0049		mg/Kg-dry	1	7/9/2010
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
Bromoform	ND	0.0049		mg/Kg-dry	1	7/9/2010
Bromomethane	ND	0.0099		mg/Kg-dry	1	7/9/2010
2-Butanone	ND	0.074		mg/Kg-dry	1	7/9/2010
Carbon disulfide	ND	0.049		mg/Kg-dry	1	7/9/2010
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	7/9/2010
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	7/9/2010
Chloroethane	ND	0.0099		mg/Kg-dry	1	7/9/2010

Qualifiers:
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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-001

Client Sample ID: KP1A
Collection Date: 7/6/2010 8:10:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Chloroform	ND	0.0049		mg/Kg-dry	1	7/9/2010
Chloromethane	ND	0.0099		mg/Kg-dry	1	7/9/2010
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	7/9/2010
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	7/9/2010
trans-1,2-Dichloroethene	0.0051	0.0049		mg/Kg-dry	1	7/9/2010
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	7/9/2010
cis-1,3-Dichloropropene	ND	0.002		mg/Kg-dry	1	7/9/2010
trans-1,3-Dichloropropene	ND	0.002		mg/Kg-dry	1	7/9/2010
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	7/9/2010
2-Hexanone	ND	0.02		mg/Kg-dry	1	7/9/2010
4-Methyl-2-pentanone	ND	0.02		mg/Kg-dry	1	7/9/2010
Methylene chloride	ND	0.0099		mg/Kg-dry	1	7/9/2010
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	7/9/2010
Styrene	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	7/9/2010
Toluene	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
Trichloroethene	0.0075	0.0049		mg/Kg-dry	1	7/9/2010
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	7/9/2010
Xylenes, Total	ND	0.015		mg/Kg-dry	1	7/9/2010
Percent Moisture	**D2974**			Prep Date: **7/6/2010**		Analyst: **JP**
Percent Moisture	11.7	0.2	*	wt%	1	7/7/2010

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E - Value above quantitation range
H - Holding time exceeded

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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-002

Client Sample ID: KP1B
Collection Date: 7/6/2010 8:10:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Dry Bulk Density	**D2937**			Prep Date:		Analyst: **SUB**
Dry Bulk Density	111		*	lb/ft³	1	7/13/2010
Soil Particle Density	**D854**			Prep Date:		Analyst: **SUB**
Soil Particle Density	164		*	lb/ft³	1	7/13/2010
Organic Carbon Content	**D2974**			Prep Date:		Analyst: **SUB**
Fractional Organic Carbon	1.8	0.01	*	wt%	1	7/13/2010
Hydraulic Conductivity	**D5084**			Prep Date:		Analyst: **SUB**
Hydraulic Conductivity	1.28 x10-8		*	cm/s	1	7/13/2010
Moisture Content	**D2216**			Prep Date:		Analyst: **SUB**
Moisture Content	18.3	0.01	*	wt%	1	7/13/2010
Specific Gravity	**D854**			Prep Date:		Analyst: **SUB**
Specific Gravity	2.62		*		1	7/13/2010

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HT - Sample received past holding time
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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-003

Client Sample ID: KP2A
Collection Date: 7/6/2010 8:40:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **7/7/2010**		Analyst: **VA**
Mercury	ND	0.027		mg/Kg-dry	1	7/7/2010
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/8/2010**		Analyst: **JG**
Arsenic	11	1.1		mg/Kg-dry	10	7/9/2010
Barium	42	1.1		mg/Kg-dry	10	7/9/2010
Cadmium	ND	0.54		mg/Kg-dry	10	7/9/2010
Chromium	17	1.1		mg/Kg-dry	10	7/9/2010
Lead	22	0.54		mg/Kg-dry	10	7/9/2010
Selenium	ND	1.1		mg/Kg-dry	10	7/9/2010
Silver	ND	1.1		mg/Kg-dry	10	7/9/2010
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **7/7/2010**		Analyst: **VS**
Acenaphthene	ND	0.037		mg/Kg-dry	10	7/12/2010
Acenaphthylene	0.071	0.037		mg/Kg-dry	10	7/12/2010
Anthracene	0.35	0.037		mg/Kg-dry	10	7/12/2010
Benz(a)anthracene	1.3	0.037		mg/Kg-dry	10	7/12/2010
Benzo(a)pyrene	0.83	0.037		mg/Kg-dry	10	7/12/2010
Benzo(b)fluoranthene	1.2	0.037		mg/Kg-dry	10	7/12/2010
Benzo(g,h,i)perylene	0.83	0.037		mg/Kg-dry	10	7/12/2010
Benzo(k)fluoranthene	1.2	0.037		mg/Kg-dry	10	7/12/2010
Chrysene	1.3	0.037		mg/Kg-dry	10	7/12/2010
Dibenz(a,h)anthracene	0.33	0.037		mg/Kg-dry	10	7/12/2010
Fluoranthene	2.3	0.037		mg/Kg-dry	10	7/12/2010
Fluorene	0.12	0.037		mg/Kg-dry	10	7/12/2010
Indeno(1,2,3-cd)pyrene	0.73	0.037		mg/Kg-dry	10	7/12/2010
Naphthalene	ND	0.037		mg/Kg-dry	10	7/12/2010
Phenanthrene	1	0.037		mg/Kg-dry	10	7/12/2010
Pyrene	2	0.037		mg/Kg-dry	10	7/12/2010
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Acetone	ND	0.071		mg/Kg-dry	1	7/9/2010
Benzene	ND	0.0047		mg/Kg-dry	1	7/9/2010
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	7/9/2010
Bromoform	ND	0.0047		mg/Kg-dry	1	7/9/2010
Bromomethane	ND	0.0094		mg/Kg-dry	1	7/9/2010
2-Butanone	ND	0.071		mg/Kg-dry	1	7/9/2010
Carbon disulfide	ND	0.047		mg/Kg-dry	1	7/9/2010
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	7/9/2010
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	7/9/2010
Chloroethane	ND	0.0094		mg/Kg-dry	1	7/9/2010

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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-003

Client Sample ID: KP2A
Collection Date: 7/6/2010 8:40:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Chloroform	ND	0.0047		mg/Kg-dry	1	7/9/2010
Chloromethane	ND	0.0094		mg/Kg-dry	1	7/9/2010
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	7/9/2010
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	7/9/2010
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	7/9/2010
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	7/9/2010
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	7/9/2010
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	7/9/2010
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	7/9/2010
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	7/9/2010
2-Hexanone	ND	0.019		mg/Kg-dry	1	7/9/2010
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	7/9/2010
Methylene chloride	ND	0.0094		mg/Kg-dry	1	7/9/2010
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	7/9/2010
Styrene	ND	0.0047		mg/Kg-dry	1	7/9/2010
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	7/9/2010
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	7/9/2010
Toluene	ND	0.0047		mg/Kg-dry	1	7/9/2010
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	7/9/2010
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	7/9/2010
Trichloroethene	ND	0.0047		mg/Kg-dry	1	7/9/2010
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	7/9/2010
Xylenes, Total	ND	0.014		mg/Kg-dry	1	7/9/2010
Percent Moisture	**D2974**			Prep Date: **7/6/2010**		Analyst: **JP**
Percent Moisture	11.6	0.2	*	wt%	1	7/7/2010

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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-004

Client Sample ID: KP2B
Collection Date: 7/6/2010 8:40:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **7/7/2010**		Analyst: **VA**
Mercury	ND	0.027		mg/Kg-dry	1	7/7/2010
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/8/2010**		Analyst: **JG**
Arsenic	5.3	1		mg/Kg-dry	10	7/9/2010
Barium	29	1		mg/Kg-dry	10	7/9/2010
Cadmium	ND	0.52		mg/Kg-dry	10	7/9/2010
Chromium	17	1		mg/Kg-dry	10	7/9/2010
Lead	12	0.52		mg/Kg-dry	10	7/9/2010
Selenium	ND	1		mg/Kg-dry	10	7/9/2010
Silver	ND	1		mg/Kg-dry	10	7/9/2010
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **7/7/2010**		Analyst: **VS**
Acenaphthene	ND	0.028		mg/Kg-dry	1	7/12/2010
Acenaphthylene	ND	0.028		mg/Kg-dry	1	7/12/2010
Anthracene	ND	0.028		mg/Kg-dry	1	7/12/2010
Benz(a)anthracene	ND	0.028		mg/Kg-dry	1	7/12/2010
Benzo(a)pyrene	ND	0.028		mg/Kg-dry	1	7/12/2010
Benzo(b)fluoranthene	ND	0.028		mg/Kg-dry	1	7/12/2010
Benzo(g,h,i)perylene	ND	0.028		mg/Kg-dry	1	7/12/2010
Benzo(k)fluoranthene	ND	0.028		mg/Kg-dry	1	7/12/2010
Chrysene	ND	0.028		mg/Kg-dry	1	7/12/2010
Dibenz(a,h)anthracene	ND	0.028		mg/Kg-dry	1	7/12/2010
Fluoranthene	ND	0.028		mg/Kg-dry	1	7/12/2010
Fluorene	ND	0.028		mg/Kg-dry	1	7/12/2010
Indeno(1,2,3-cd)pyrene	ND	0.028		mg/Kg-dry	1	7/12/2010
Naphthalene	ND	0.028		mg/Kg-dry	1	7/12/2010
Phenanthrene	ND	0.028		mg/Kg-dry	1	7/12/2010
Pyrene	ND	0.028		mg/Kg-dry	1	7/12/2010
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Acetone	ND	0.067		mg/Kg-dry	1	7/9/2010
Benzene	ND	0.0045		mg/Kg-dry	1	7/9/2010
Bromodichloromethane	ND	0.0045		mg/Kg-dry	1	7/9/2010
Bromoform	ND	0.0045		mg/Kg-dry	1	7/9/2010
Bromomethane	ND	0.009		mg/Kg-dry	1	7/9/2010
2-Butanone	ND	0.067		mg/Kg-dry	1	7/9/2010
Carbon disulfide	ND	0.045		mg/Kg-dry	1	7/9/2010
Carbon tetrachloride	ND	0.0045		mg/Kg-dry	1	7/9/2010
Chlorobenzene	ND	0.0045		mg/Kg-dry	1	7/9/2010
Chloroethane	ND	0.009		mg/Kg-dry	1	7/9/2010

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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-004

Client Sample ID: KP2B
Collection Date: 7/6/2010 8:40:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Chloroform	ND	0.0045		mg/Kg-dry	1	7/9/2010
Chloromethane	ND	0.009		mg/Kg-dry	1	7/9/2010
Dibromochloromethane	ND	0.0045		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethane	ND	0.0045		mg/Kg-dry	1	7/9/2010
1,2-Dichloroethane	ND	0.0045		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethene	ND	0.0045		mg/Kg-dry	1	7/9/2010
cis-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	7/9/2010
trans-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	7/9/2010
1,2-Dichloropropane	ND	0.0045		mg/Kg-dry	1	7/9/2010
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	7/9/2010
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	7/9/2010
Ethylbenzene	ND	0.0045		mg/Kg-dry	1	7/9/2010
2-Hexanone	ND	0.018		mg/Kg-dry	1	7/9/2010
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	7/9/2010
Methylene chloride	ND	0.009		mg/Kg-dry	1	7/9/2010
Methyl tert-butyl ether	ND	0.0045		mg/Kg-dry	1	7/9/2010
Styrene	ND	0.0045		mg/Kg-dry	1	7/9/2010
1,1,2,2-Tetrachloroethane	ND	0.0045		mg/Kg-dry	1	7/9/2010
Tetrachloroethene	ND	0.0045		mg/Kg-dry	1	7/9/2010
Toluene	ND	0.0045		mg/Kg-dry	1	7/9/2010
1,1,1-Trichloroethane	ND	0.0045		mg/Kg-dry	1	7/9/2010
1,1,2-Trichloroethane	ND	0.0045		mg/Kg-dry	1	7/9/2010
Trichloroethene	ND	0.0045		mg/Kg-dry	1	7/9/2010
Vinyl chloride	0.0056	0.0045		mg/Kg-dry	1	7/9/2010
Xylenes, Total	ND	0.013		mg/Kg-dry	1	7/9/2010
Percent Moisture	**D2974**			Prep Date: **7/6/2010**		Analyst: **JP**
Percent Moisture	10.3	0.2	*	wt%	1	7/7/2010

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-005

Client Sample ID: KP2TACO
Collection Date: 7/6/2010 8:40:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Mercury	**SW1311/7470A**			Prep Date: **7/7/2010**		Analyst: **VA**
Mercury	ND	0.0002		mg/L	1	7/7/2010
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **7/7/2010**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	7/7/2010
Barium	0.17	0.05		mg/L	5	7/7/2010
Cadmium	ND	0.005		mg/L	5	7/7/2010
Chromium	ND	0.01		mg/L	5	7/7/2010
Lead	0.026	0.005		mg/L	5	7/7/2010
Selenium	ND	0.01		mg/L	5	7/7/2010
Silver	ND	0.01		mg/L	5	7/7/2010
Cyanide, Reactive	**SW7.3.3.2**			Prep Date: **7/12/2010**		Analyst: **YZ**
Reactive Cyanide	ND	1		mg/Kg	1	7/12/2010
pH (25 °C)	**SW9045C**			Prep Date: **7/6/2010**		Analyst: **RW**
pH	7.8			pH Units	1	7/6/2010
Percent Moisture	**D2974**			Prep Date: **7/7/2010**		Analyst: **JP**
Percent Moisture	18.7	0.2	*	wt%	1	7/8/2010
Sulfide, Reactive	**SW7.3.4.2**			Prep Date: **7/8/2010**		Analyst: **YZ**
Reactive Sulfide	ND	10		mg/Kg	1	7/8/2010

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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-006

Client Sample ID: KP3A
Collection Date: 7/6/2010 9:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **7/7/2010**		Analyst: **VA**
Mercury	ND	0.031		mg/Kg-dry	1	7/7/2010
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/8/2010**		Analyst: **JG**
Arsenic	13	1.2		mg/Kg-dry	10	7/9/2010
Barium	130	1.2		mg/Kg-dry	10	7/9/2010
Cadmium	ND	0.6		mg/Kg-dry	10	7/9/2010
Chromium	30	1.2		mg/Kg-dry	10	7/9/2010
Lead	24	0.6		mg/Kg-dry	10	7/9/2010
Selenium	ND	1.2		mg/Kg-dry	10	7/9/2010
Silver	ND	1.2		mg/Kg-dry	10	7/9/2010
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **7/7/2010**		Analyst: **VS**
Acenaphthene	0.04	0.032		mg/Kg-dry	1	7/12/2010
Acenaphthylene	ND	0.032		mg/Kg-dry	1	7/12/2010
Anthracene	ND	0.032		mg/Kg-dry	1	7/12/2010
Benz(a)anthracene	ND	0.032		mg/Kg-dry	1	7/12/2010
Benzo(a)pyrene	ND	0.032		mg/Kg-dry	1	7/12/2010
Benzo(b)fluoranthene	ND	0.032		mg/Kg-dry	1	7/12/2010
Benzo(g,h,i)perylene	ND	0.032		mg/Kg-dry	1	7/12/2010
Benzo(k)fluoranthene	ND	0.032		mg/Kg-dry	1	7/12/2010
Chrysene	0.05	0.032		mg/Kg-dry	1	7/12/2010
Dibenz(a,h)anthracene	ND	0.032		mg/Kg-dry	1	7/12/2010
Fluoranthene	ND	0.032		mg/Kg-dry	1	7/12/2010
Fluorene	0.04	0.032		mg/Kg-dry	1	7/12/2010
Indeno(1,2,3-cd)pyrene	ND	0.032		mg/Kg-dry	1	7/12/2010
Naphthalene	ND	0.032		mg/Kg-dry	1	7/12/2010
Phenanthrene	0.032	0.032		mg/Kg-dry	1	7/12/2010
Pyrene	0.04	0.032		mg/Kg-dry	1	7/12/2010
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Acetone	ND	0.076		mg/Kg-dry	1	7/9/2010
Benzene	ND	0.0051		mg/Kg-dry	1	7/9/2010
Bromodichloromethane	ND	0.0051		mg/Kg-dry	1	7/9/2010
Bromoform	ND	0.0051		mg/Kg-dry	1	7/9/2010
Bromomethane	ND	0.01		mg/Kg-dry	1	7/9/2010
2-Butanone	ND	0.076		mg/Kg-dry	1	7/9/2010
Carbon disulfide	ND	0.051		mg/Kg-dry	1	7/9/2010
Carbon tetrachloride	ND	0.0051		mg/Kg-dry	1	7/9/2010
Chlorobenzene	ND	0.0051		mg/Kg-dry	1	7/9/2010
Chloroethane	ND	0.01		mg/Kg-dry	1	7/9/2010

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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-006

Client Sample ID: KP3A
Collection Date: 7/6/2010 9:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Chloroform	ND	0.0051		mg/Kg-dry	1	7/9/2010
Chloromethane	ND	0.01		mg/Kg-dry	1	7/9/2010
Dibromochloromethane	ND	0.0051		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethane	ND	0.0051		mg/Kg-dry	1	7/9/2010
1,2-Dichloroethane	ND	0.0051		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethene	ND	0.0051		mg/Kg-dry	1	7/9/2010
cis-1,2-Dichloroethene	ND	0.0051		mg/Kg-dry	1	7/9/2010
trans-1,2-Dichloroethene	ND	0.0051		mg/Kg-dry	1	7/9/2010
1,2-Dichloropropane	ND	0.0051		mg/Kg-dry	1	7/9/2010
cis-1,3-Dichloropropene	ND	0.002		mg/Kg-dry	1	7/9/2010
trans-1,3-Dichloropropene	ND	0.002		mg/Kg-dry	1	7/9/2010
Ethylbenzene	ND	0.0051		mg/Kg-dry	1	7/9/2010
2-Hexanone	ND	0.02		mg/Kg-dry	1	7/9/2010
4-Methyl-2-pentanone	ND	0.02		mg/Kg-dry	1	7/9/2010
Methylene chloride	ND	0.01		mg/Kg-dry	1	7/9/2010
Methyl tert-butyl ether	ND	0.0051		mg/Kg-dry	1	7/9/2010
Styrene	ND	0.0051		mg/Kg-dry	1	7/9/2010
1,1,2,2-Tetrachloroethane	ND	0.0051		mg/Kg-dry	1	7/9/2010
Tetrachloroethene	ND	0.0051		mg/Kg-dry	1	7/9/2010
Toluene	ND	0.0051		mg/Kg-dry	1	7/9/2010
1,1,1-Trichloroethane	ND	0.0051		mg/Kg-dry	1	7/9/2010
1,1,2-Trichloroethane	ND	0.0051		mg/Kg-dry	1	7/9/2010
Trichloroethene	ND	0.0051		mg/Kg-dry	1	7/9/2010
Vinyl chloride	ND	0.0051		mg/Kg-dry	1	7/9/2010
Xylenes, Total	ND	0.015		mg/Kg-dry	1	7/9/2010
Percent Moisture	**D2974**			Prep Date: **7/6/2010**		Analyst: **JP**
Percent Moisture	22.9	0.2	*	wt%	1	7/7/2010

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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-007

Client Sample ID: KP3B
Collection Date: 7/6/2010 9:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **7/7/2010**		Analyst: **VA**
Mercury	ND	0.029		mg/Kg-dry	1	7/7/2010
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/8/2010**		Analyst: **JG**
Arsenic	18	1.2		mg/Kg-dry	10	7/9/2010
Barium	51	1.2		mg/Kg-dry	10	7/9/2010
Cadmium	ND	0.58		mg/Kg-dry	10	7/9/2010
Chromium	20	1.2		mg/Kg-dry	10	7/9/2010
Lead	21	0.58		mg/Kg-dry	10	7/9/2010
Selenium	ND	1.2		mg/Kg-dry	10	7/9/2010
Silver	ND	1.2		mg/Kg-dry	10	7/9/2010
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **7/7/2010**		Analyst: **VS**
Acenaphthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Acenaphthylene	ND	0.031		mg/Kg-dry	1	7/12/2010
Anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benz(a)anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(a)pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(b)fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(g,h,i)perylene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(k)fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Chrysene	ND	0.031		mg/Kg-dry	1	7/12/2010
Dibenz(a,h)anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Fluorene	ND	0.031		mg/Kg-dry	1	7/12/2010
Indeno(1,2,3-cd)pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Naphthalene	ND	0.031		mg/Kg-dry	1	7/12/2010
Phenanthrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Acetone	ND	0.07		mg/Kg-dry	1	7/9/2010
Benzene	ND	0.0047		mg/Kg-dry	1	7/9/2010
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	7/9/2010
Bromoform	ND	0.0047		mg/Kg-dry	1	7/9/2010
Bromomethane	ND	0.0094		mg/Kg-dry	1	7/9/2010
2-Butanone	ND	0.07		mg/Kg-dry	1	7/9/2010
Carbon disulfide	ND	0.047		mg/Kg-dry	1	7/9/2010
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	7/9/2010
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	7/9/2010
Chloroethane	ND	0.0094		mg/Kg-dry	1	7/9/2010

Qualifiers:
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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-007

Client Sample ID: KP3B
Collection Date: 7/6/2010 9:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Chloroform	ND	0.0047		mg/Kg-dry	1	7/9/2010
Chloromethane	ND	0.0094		mg/Kg-dry	1	7/9/2010
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	7/9/2010
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	7/9/2010
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	7/9/2010
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	7/9/2010
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	7/9/2010
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	7/9/2010
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	7/9/2010
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	7/9/2010
2-Hexanone	ND	0.019		mg/Kg-dry	1	7/9/2010
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	7/9/2010
Methylene chloride	ND	0.0094		mg/Kg-dry	1	7/9/2010
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	7/9/2010
Styrene	ND	0.0047		mg/Kg-dry	1	7/9/2010
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	7/9/2010
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	7/9/2010
Toluene	ND	0.0047		mg/Kg-dry	1	7/9/2010
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	7/9/2010
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	7/9/2010
Trichloroethene	ND	0.0047		mg/Kg-dry	1	7/9/2010
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	7/9/2010
Xylenes, Total	ND	0.014		mg/Kg-dry	1	7/9/2010
Percent Moisture	**D2974**			Prep Date: **7/6/2010**		Analyst: **JP**
Percent Moisture	18.6	0.2	*	wt%	1	7/7/2010

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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Date Reported: July 13, 2010
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Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-008

Client Sample ID: KP4A
Collection Date: 7/6/2010 9:20:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **7/7/2010**		Analyst: **VA**
Mercury	ND	0.029		mg/Kg-dry	1	7/7/2010
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/8/2010**		Analyst: **JG**
Arsenic	8.3	1.2		mg/Kg-dry	10	7/9/2010
Barium	80	1.2		mg/Kg-dry	10	7/9/2010
Cadmium	ND	0.61		mg/Kg-dry	10	7/9/2010
Chromium	27	1.2		mg/Kg-dry	10	7/9/2010
Lead	21	0.61		mg/Kg-dry	10	7/9/2010
Selenium	ND	1.2		mg/Kg-dry	10	7/9/2010
Silver	ND	1.2		mg/Kg-dry	10	7/9/2010
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **7/7/2010**		Analyst: **VS**
Acenaphthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Acenaphthylene	ND	0.031		mg/Kg-dry	1	7/12/2010
Anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benz(a)anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(a)pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(b)fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(g,h,i)perylene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(k)fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Chrysene	ND	0.031		mg/Kg-dry	1	7/12/2010
Dibenz(a,h)anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Fluorene	ND	0.031		mg/Kg-dry	1	7/12/2010
Indeno(1,2,3-cd)pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Naphthalene	ND	0.031		mg/Kg-dry	1	7/12/2010
Phenanthrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Acetone	ND	0.067		mg/Kg-dry	1	7/9/2010
Benzene	ND	0.0045		mg/Kg-dry	1	7/9/2010
Bromodichloromethane	ND	0.0045		mg/Kg-dry	1	7/9/2010
Bromoform	ND	0.0045		mg/Kg-dry	1	7/9/2010
Bromomethane	ND	0.0089		mg/Kg-dry	1	7/9/2010
2-Butanone	ND	0.067		mg/Kg-dry	1	7/9/2010
Carbon disulfide	ND	0.045		mg/Kg-dry	1	7/9/2010
Carbon tetrachloride	ND	0.0045		mg/Kg-dry	1	7/9/2010
Chlorobenzene	ND	0.0045		mg/Kg-dry	1	7/9/2010
Chloroethane	ND	0.0089		mg/Kg-dry	1	7/9/2010

Qualifiers:
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B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-008

Client Sample ID: KP4A
Collection Date: 7/6/2010 9:20:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Chloroform	ND	0.0045		mg/Kg-dry	1	7/9/2010
Chloromethane	ND	0.0089		mg/Kg-dry	1	7/9/2010
Dibromochloromethane	ND	0.0045		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethane	ND	0.0045		mg/Kg-dry	1	7/9/2010
1,2-Dichloroethane	ND	0.0045		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethene	ND	0.0045		mg/Kg-dry	1	7/9/2010
cis-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	7/9/2010
trans-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	7/9/2010
1,2-Dichloropropane	ND	0.0045		mg/Kg-dry	1	7/9/2010
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	7/9/2010
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	7/9/2010
Ethylbenzene	ND	0.0045		mg/Kg-dry	1	7/9/2010
2-Hexanone	ND	0.018		mg/Kg-dry	1	7/9/2010
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	7/9/2010
Methylene chloride	ND	0.0089		mg/Kg-dry	1	7/9/2010
Methyl tert-butyl ether	ND	0.0045		mg/Kg-dry	1	7/9/2010
Styrene	ND	0.0045		mg/Kg-dry	1	7/9/2010
1,1,2,2-Tetrachloroethane	ND	0.0045		mg/Kg-dry	1	7/9/2010
Tetrachloroethene	ND	0.0045		mg/Kg-dry	1	7/9/2010
Toluene	ND	0.0045		mg/Kg-dry	1	7/9/2010
1,1,1-Trichloroethane	ND	0.0045		mg/Kg-dry	1	7/9/2010
1,1,2-Trichloroethane	ND	0.0045		mg/Kg-dry	1	7/9/2010
Trichloroethene	ND	0.0045		mg/Kg-dry	1	7/9/2010
Vinyl chloride	ND	0.0045		mg/Kg-dry	1	7/9/2010
Xylenes, Total	ND	0.013		mg/Kg-dry	1	7/9/2010
Percent Moisture	**D2974**			Prep Date: **7/6/2010**		Analyst: **JP**
Percent Moisture	19.3	0.2	*	wt%	1	7/7/2010

Qualifiers:
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H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-009

Client Sample ID: KP4B
Collection Date: 7/6/2010 9:20:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **7/7/2010**		Analyst: **VA**
Mercury	ND	0.03		mg/Kg-dry	1	7/7/2010
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/8/2010**		Analyst: **JG**
Arsenic	7.7	1.1		mg/Kg-dry	10	7/9/2010
Barium	38	1.1		mg/Kg-dry	10	7/9/2010
Cadmium	ND	0.56		mg/Kg-dry	10	7/9/2010
Chromium	22	1.1		mg/Kg-dry	10	7/9/2010
Lead	14	0.56		mg/Kg-dry	10	7/9/2010
Selenium	ND	1.1		mg/Kg-dry	10	7/9/2010
Silver	ND	1.1		mg/Kg-dry	10	7/9/2010
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **7/7/2010**		Analyst: **VS**
Acenaphthene	ND	0.03		mg/Kg-dry	1	7/12/2010
Acenaphthylene	ND	0.03		mg/Kg-dry	1	7/12/2010
Anthracene	ND	0.03		mg/Kg-dry	1	7/12/2010
Benz(a)anthracene	ND	0.03		mg/Kg-dry	1	7/12/2010
Benzo(a)pyrene	ND	0.03		mg/Kg-dry	1	7/12/2010
Benzo(b)fluoranthene	ND	0.03		mg/Kg-dry	1	7/12/2010
Benzo(g,h,i)perylene	ND	0.03		mg/Kg-dry	1	7/12/2010
Benzo(k)fluoranthene	ND	0.03		mg/Kg-dry	1	7/12/2010
Chrysene	ND	0.03		mg/Kg-dry	1	7/12/2010
Dibenz(a,h)anthracene	ND	0.03		mg/Kg-dry	1	7/12/2010
Fluoranthene	ND	0.03		mg/Kg-dry	1	7/12/2010
Fluorene	ND	0.03		mg/Kg-dry	1	7/12/2010
Indeno(1,2,3-cd)pyrene	ND	0.03		mg/Kg-dry	1	7/12/2010
Naphthalene	ND	0.03		mg/Kg-dry	1	7/12/2010
Phenanthrene	ND	0.03		mg/Kg-dry	1	7/12/2010
Pyrene	ND	0.03		mg/Kg-dry	1	7/12/2010
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Acetone	ND	0.073		mg/Kg-dry	1	7/9/2010
Benzene	ND	0.0049		mg/Kg-dry	1	7/9/2010
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
Bromoform	ND	0.0049		mg/Kg-dry	1	7/9/2010
Bromomethane	ND	0.0098		mg/Kg-dry	1	7/9/2010
2-Butanone	ND	0.073		mg/Kg-dry	1	7/9/2010
Carbon disulfide	ND	0.049		mg/Kg-dry	1	7/9/2010
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	7/9/2010
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	7/9/2010
Chloroethane	ND	0.0098		mg/Kg-dry	1	7/9/2010

Qualifiers:
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B - Analyte detected in the associated Method Blank
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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-009

Client Sample ID: KP4B
Collection Date: 7/6/2010 9:20:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Chloroform	ND	0.0049		mg/Kg-dry	1	7/9/2010
Chloromethane	ND	0.0098		mg/Kg-dry	1	7/9/2010
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	7/9/2010
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	7/9/2010
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	7/9/2010
cis-1,3-Dichloropropene	ND	0.002		mg/Kg-dry	1	7/9/2010
trans-1,3-Dichloropropene	ND	0.002		mg/Kg-dry	1	7/9/2010
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	7/9/2010
2-Hexanone	ND	0.02		mg/Kg-dry	1	7/9/2010
4-Methyl-2-pentanone	ND	0.02		mg/Kg-dry	1	7/9/2010
Methylene chloride	ND	0.0098		mg/Kg-dry	1	7/9/2010
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	7/9/2010
Styrene	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	7/9/2010
Toluene	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
Trichloroethene	ND	0.0049		mg/Kg-dry	1	7/9/2010
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	7/9/2010
Xylenes, Total	ND	0.015		mg/Kg-dry	1	7/9/2010
Percent Moisture	**D2974**			Prep Date: **7/6/2010**		Analyst: **JP**
Percent Moisture	17.9	0.2	*	wt%	1	7/7/2010

Qualifiers:
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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-010

Client Sample ID: KP5A
Collection Date: 7/6/2010 9:45:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **7/7/2010**		Analyst: **VA**
Mercury	ND	0.03		mg/Kg-dry	1	7/7/2010
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/8/2010**		Analyst: **JG**
Arsenic	8.1	1.2		mg/Kg-dry	10	7/9/2010
Barium	54	1.2		mg/Kg-dry	10	7/9/2010
Cadmium	ND	0.59		mg/Kg-dry	10	7/9/2010
Chromium	30	1.2		mg/Kg-dry	10	7/9/2010
Lead	16	0.59		mg/Kg-dry	10	7/9/2010
Selenium	ND	1.2		mg/Kg-dry	10	7/9/2010
Silver	ND	1.2		mg/Kg-dry	10	7/9/2010
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **7/7/2010**		Analyst: **VS**
Acenaphthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Acenaphthylene	ND	0.031		mg/Kg-dry	1	7/12/2010
Anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benz(a)anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(a)pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(b)fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(g,h,i)perylene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(k)fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Chrysene	ND	0.031		mg/Kg-dry	1	7/12/2010
Dibenz(a,h)anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Fluorene	ND	0.031		mg/Kg-dry	1	7/12/2010
Indeno(1,2,3-cd)pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Naphthalene	ND	0.031		mg/Kg-dry	1	7/12/2010
Phenanthrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Acetone	ND	0.074		mg/Kg-dry	1	7/9/2010
Benzene	ND	0.0049		mg/Kg-dry	1	7/9/2010
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
Bromoform	ND	0.0049		mg/Kg-dry	1	7/9/2010
Bromomethane	ND	0.0098		mg/Kg-dry	1	7/9/2010
2-Butanone	ND	0.074		mg/Kg-dry	1	7/9/2010
Carbon disulfide	ND	0.049		mg/Kg-dry	1	7/9/2010
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	7/9/2010
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	7/9/2010
Chloroethane	ND	0.0098		mg/Kg-dry	1	7/9/2010

Qualifiers:
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B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-010

Client Sample ID: KP5A
Collection Date: 7/6/2010 9:45:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **EJH**
Chloroform	ND	0.0049		mg/Kg-dry	1	7/9/2010
Chloromethane	ND	0.0098		mg/Kg-dry	1	7/9/2010
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	7/9/2010
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	7/9/2010
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	7/9/2010
cis-1,3-Dichloropropene	ND	0.002		mg/Kg-dry	1	7/9/2010
trans-1,3-Dichloropropene	ND	0.002		mg/Kg-dry	1	7/9/2010
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	7/9/2010
2-Hexanone	ND	0.02		mg/Kg-dry	1	7/9/2010
4-Methyl-2-pentanone	ND	0.02		mg/Kg-dry	1	7/9/2010
Methylene chloride	ND	0.0098		mg/Kg-dry	1	7/9/2010
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	7/9/2010
Styrene	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	7/9/2010
Toluene	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	7/9/2010
Trichloroethene	ND	0.0049		mg/Kg-dry	1	7/9/2010
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	7/9/2010
Xylenes, Total	ND	0.015		mg/Kg-dry	1	7/9/2010
Percent Moisture	**D2974**			Prep Date: **7/6/2010**		Analyst: **JP**
Percent Moisture	19.2	0.2	*	wt%	1	7/7/2010

Qualifiers:
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HT - Sample received past holding time
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RL - Reporting / Quantitation Limit for the analysis
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R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-011

Client Sample ID: KP5B
Collection Date: 7/6/2010 9:45:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **7/7/2010**		Analyst: **VA**
Mercury	ND	0.03		mg/Kg-dry	1	7/7/2010
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/8/2010**		Analyst: **JG**
Arsenic	12	1.1		mg/Kg-dry	10	7/9/2010
Barium	72	1.1		mg/Kg-dry	10	7/9/2010
Cadmium	ND	0.55		mg/Kg-dry	10	7/9/2010
Chromium	21	1.1		mg/Kg-dry	10	7/9/2010
Lead	13	0.55		mg/Kg-dry	10	7/9/2010
Selenium	ND	1.1		mg/Kg-dry	10	7/9/2010
Silver	ND	1.1		mg/Kg-dry	10	7/9/2010
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **7/7/2010**		Analyst: **VS**
Acenaphthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Acenaphthylene	ND	0.031		mg/Kg-dry	1	7/12/2010
Anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benz(a)anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(a)pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(b)fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(g,h,i)perylene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(k)fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Chrysene	ND	0.031		mg/Kg-dry	1	7/12/2010
Dibenz(a,h)anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Fluorene	ND	0.031		mg/Kg-dry	1	7/12/2010
Indeno(1,2,3-cd)pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Naphthalene	ND	0.031		mg/Kg-dry	1	7/12/2010
Phenanthrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **ART**
Acetone	ND	0.069		mg/Kg-dry	1	7/10/2010
Benzene	ND	0.0046		mg/Kg-dry	1	7/10/2010
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	7/10/2010
Bromoform	ND	0.0046		mg/Kg-dry	1	7/10/2010
Bromomethane	ND	0.0092		mg/Kg-dry	1	7/10/2010
2-Butanone	ND	0.069		mg/Kg-dry	1	7/10/2010
Carbon disulfide	ND	0.046		mg/Kg-dry	1	7/10/2010
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	7/10/2010
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	7/10/2010
Chloroethane	ND	0.0092		mg/Kg-dry	1	7/10/2010

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-011

Client Sample ID: KP5B
Collection Date: 7/6/2010 9:45:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **ART**
Chloroform	ND	0.0046		mg/Kg-dry	1	7/10/2010
Chloromethane	ND	0.0092		mg/Kg-dry	1	7/10/2010
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	7/10/2010
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	7/10/2010
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	7/10/2010
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	7/10/2010
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	7/10/2010
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	7/10/2010
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	7/10/2010
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	7/10/2010
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	7/10/2010
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	7/10/2010
2-Hexanone	ND	0.018		mg/Kg-dry	1	7/10/2010
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	7/10/2010
Methylene chloride	ND	0.0092		mg/Kg-dry	1	7/10/2010
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	7/10/2010
Styrene	ND	0.0046		mg/Kg-dry	1	7/10/2010
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	7/10/2010
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	7/10/2010
Toluene	ND	0.0046		mg/Kg-dry	1	7/10/2010
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	7/10/2010
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	7/10/2010
Trichloroethene	ND	0.0046		mg/Kg-dry	1	7/10/2010
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	7/10/2010
Xylenes, Total	ND	0.014		mg/Kg-dry	1	7/10/2010
Percent Moisture	**D2974**			Prep Date: **7/6/2010**		Analyst: **JP**
Percent Moisture	19.0	0.2	*	wt%	1	7/7/2010

Qualifiers:
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-012

Client Sample ID: KP6A
Collection Date: 7/6/2010 10:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **7/7/2010**		Analyst: **VA**
Mercury	0.032	0.028		mg/Kg-dry	1	7/7/2010
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/8/2010**		Analyst: **JG**
Arsenic	5.9	1.1		mg/Kg-dry	10	7/9/2010
Barium	83	1.1		mg/Kg-dry	10	7/9/2010
Cadmium	ND	0.54		mg/Kg-dry	10	7/9/2010
Chromium	27	1.1		mg/Kg-dry	10	7/9/2010
Lead	22	0.54		mg/Kg-dry	10	7/9/2010
Selenium	ND	1.1		mg/Kg-dry	10	7/9/2010
Silver	ND	1.1		mg/Kg-dry	10	7/9/2010
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **7/7/2010**		Analyst: **VS**
Acenaphthene	ND	0.03		mg/Kg-dry	1	7/12/2010
Acenaphthylene	ND	0.03		mg/Kg-dry	1	7/12/2010
Anthracene	ND	0.03		mg/Kg-dry	1	7/12/2010
Benz(a)anthracene	ND	0.03		mg/Kg-dry	1	7/12/2010
Benzo(a)pyrene	ND	0.03		mg/Kg-dry	1	7/12/2010
Benzo(b)fluoranthene	ND	0.03		mg/Kg-dry	1	7/12/2010
Benzo(g,h,i)perylene	ND	0.03		mg/Kg-dry	1	7/12/2010
Benzo(k)fluoranthene	ND	0.03		mg/Kg-dry	1	7/12/2010
Chrysene	ND	0.03		mg/Kg-dry	1	7/12/2010
Dibenz(a,h)anthracene	ND	0.03		mg/Kg-dry	1	7/12/2010
Fluoranthene	ND	0.03		mg/Kg-dry	1	7/12/2010
Fluorene	ND	0.03		mg/Kg-dry	1	7/12/2010
Indeno(1,2,3-cd)pyrene	ND	0.03		mg/Kg-dry	1	7/12/2010
Naphthalene	ND	0.03		mg/Kg-dry	1	7/12/2010
Phenanthrene	ND	0.03		mg/Kg-dry	1	7/12/2010
Pyrene	ND	0.03		mg/Kg-dry	1	7/12/2010
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **ART**
Acetone	ND	0.067		mg/Kg-dry	1	7/10/2010
Benzene	ND	0.0045		mg/Kg-dry	1	7/10/2010
Bromodichloromethane	ND	0.0045		mg/Kg-dry	1	7/10/2010
Bromoform	ND	0.0045		mg/Kg-dry	1	7/10/2010
Bromomethane	ND	0.0089		mg/Kg-dry	1	7/10/2010
2-Butanone	ND	0.067		mg/Kg-dry	1	7/10/2010
Carbon disulfide	ND	0.045		mg/Kg-dry	1	7/10/2010
Carbon tetrachloride	ND	0.0045		mg/Kg-dry	1	7/10/2010
Chlorobenzene	ND	0.0045		mg/Kg-dry	1	7/10/2010
Chloroethane	ND	0.0089		mg/Kg-dry	1	7/10/2010

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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-012

Client Sample ID: KP6A
Collection Date: 7/6/2010 10:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **ART**
Chloroform	ND	0.0045		mg/Kg-dry	1	7/10/2010
Chloromethane	ND	0.0089		mg/Kg-dry	1	7/10/2010
Dibromochloromethane	ND	0.0045		mg/Kg-dry	1	7/10/2010
1,1-Dichloroethane	ND	0.0045		mg/Kg-dry	1	7/10/2010
1,2-Dichloroethane	ND	0.0045		mg/Kg-dry	1	7/10/2010
1,1-Dichloroethene	ND	0.0045		mg/Kg-dry	1	7/10/2010
cis-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	7/10/2010
trans-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	7/10/2010
1,2-Dichloropropane	ND	0.0045		mg/Kg-dry	1	7/10/2010
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	7/10/2010
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	7/10/2010
Ethylbenzene	ND	0.0045		mg/Kg-dry	1	7/10/2010
2-Hexanone	ND	0.018		mg/Kg-dry	1	7/10/2010
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	7/10/2010
Methylene chloride	ND	0.0089		mg/Kg-dry	1	7/10/2010
Methyl tert-butyl ether	ND	0.0045		mg/Kg-dry	1	7/10/2010
Styrene	ND	0.0045		mg/Kg-dry	1	7/10/2010
1,1,2,2-Tetrachloroethane	ND	0.0045		mg/Kg-dry	1	7/10/2010
Tetrachloroethene	ND	0.0045		mg/Kg-dry	1	7/10/2010
Toluene	ND	0.0045		mg/Kg-dry	1	7/10/2010
1,1,1-Trichloroethane	ND	0.0045		mg/Kg-dry	1	7/10/2010
1,1,2-Trichloroethane	ND	0.0045		mg/Kg-dry	1	7/10/2010
Trichloroethene	ND	0.0045		mg/Kg-dry	1	7/10/2010
Vinyl chloride	ND	0.0045		mg/Kg-dry	1	7/10/2010
Xylenes, Total	ND	0.013		mg/Kg-dry	1	7/10/2010
Percent Moisture	**D2974**			Prep Date: **7/6/2010**		Analyst: **JP**
Percent Moisture	17.4	0.2	*	wt%	1	7/7/2010

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Date Reported: July 13, 2010
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Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-013

Client Sample ID: KP6B
Collection Date: 7/6/2010 10:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **7/7/2010**		Analyst: **VA**
Mercury	ND	0.028		mg/Kg-dry	1	7/7/2010
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/8/2010**		Analyst: **JG**
Arsenic	9.4	1.2		mg/Kg-dry	10	7/8/2010
Barium	77	1.2		mg/Kg-dry	10	7/8/2010
Cadmium	ND	0.59		mg/Kg-dry	10	7/8/2010
Chromium	18	1.2		mg/Kg-dry	10	7/9/2010
Lead	16	0.59		mg/Kg-dry	10	7/8/2010
Selenium	ND	1.2		mg/Kg-dry	10	7/8/2010
Silver	ND	1.2		mg/Kg-dry	10	7/8/2010
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **7/7/2010**		Analyst: **VS**
Acenaphthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Acenaphthylene	ND	0.031		mg/Kg-dry	1	7/12/2010
Anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benz(a)anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(a)pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(b)fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(g,h,i)perylene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(k)fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Chrysene	ND	0.031		mg/Kg-dry	1	7/12/2010
Dibenz(a,h)anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Fluorene	ND	0.031		mg/Kg-dry	1	7/12/2010
Indeno(1,2,3-cd)pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Naphthalene	ND	0.031		mg/Kg-dry	1	7/12/2010
Phenanthrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **ART**
Acetone	ND	0.07		mg/Kg-dry	1	7/10/2010
Benzene	ND	0.0047		mg/Kg-dry	1	7/10/2010
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	7/10/2010
Bromoform	ND	0.0047		mg/Kg-dry	1	7/10/2010
Bromomethane	ND	0.0093		mg/Kg-dry	1	7/10/2010
2-Butanone	ND	0.07		mg/Kg-dry	1	7/10/2010
Carbon disulfide	ND	0.047		mg/Kg-dry	1	7/10/2010
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	7/10/2010
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	7/10/2010
Chloroethane	ND	0.0093		mg/Kg-dry	1	7/10/2010

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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-013

Client Sample ID: KP6B
Collection Date: 7/6/2010 10:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **ART**
Chloroform	ND	0.0047		mg/Kg-dry	1	7/10/2010
Chloromethane	ND	0.0093		mg/Kg-dry	1	7/10/2010
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	7/10/2010
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	7/10/2010
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	7/10/2010
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	7/10/2010
cis-1,2-Dichloroethene	0.014	0.0047		mg/Kg-dry	1	7/10/2010
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	7/10/2010
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	7/10/2010
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	7/10/2010
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	7/10/2010
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	7/10/2010
2-Hexanone	ND	0.019		mg/Kg-dry	1	7/10/2010
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	7/10/2010
Methylene chloride	ND	0.0093		mg/Kg-dry	1	7/10/2010
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	7/10/2010
Styrene	ND	0.0047		mg/Kg-dry	1	7/10/2010
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	7/10/2010
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	7/10/2010
Toluene	ND	0.0047		mg/Kg-dry	1	7/10/2010
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	7/10/2010
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	7/10/2010
Trichloroethene	0.0093	0.0047		mg/Kg-dry	1	7/10/2010
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	7/10/2010
Xylenes, Total	ND	0.014		mg/Kg-dry	1	7/10/2010
Percent Moisture	**D2974**			Prep Date: **7/6/2010**		Analyst: **JP**
Percent Moisture	19.0	0.2	*	wt%	1	7/7/2010

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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Date Reported: July 13, 2010
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Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-014

Client Sample ID: KP7A
Collection Date: 7/6/2010 10:30:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **7/7/2010**		Analyst: **VA**
Mercury	ND	0.029		mg/Kg-dry	1	7/7/2010
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/8/2010**		Analyst: **JG**
Arsenic	6.6	1.2		mg/Kg-dry	10	7/9/2010
Barium	71	1.2		mg/Kg-dry	10	7/9/2010
Cadmium	ND	0.59		mg/Kg-dry	10	7/9/2010
Chromium	27	1.2		mg/Kg-dry	10	7/9/2010
Lead	23	0.59		mg/Kg-dry	10	7/9/2010
Selenium	ND	1.2		mg/Kg-dry	10	7/9/2010
Silver	ND	1.2		mg/Kg-dry	10	7/9/2010
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **7/7/2010**		Analyst: **VS**
Acenaphthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Acenaphthylene	ND	0.031		mg/Kg-dry	1	7/12/2010
Anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benz(a)anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(a)pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(b)fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(g,h,i)perylene	ND	0.031		mg/Kg-dry	1	7/12/2010
Benzo(k)fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Chrysene	ND	0.031		mg/Kg-dry	1	7/12/2010
Dibenz(a,h)anthracene	ND	0.031		mg/Kg-dry	1	7/12/2010
Fluoranthene	ND	0.031		mg/Kg-dry	1	7/12/2010
Fluorene	ND	0.031		mg/Kg-dry	1	7/12/2010
Indeno(1,2,3-cd)pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Naphthalene	ND	0.031		mg/Kg-dry	1	7/12/2010
Phenanthrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Pyrene	ND	0.031		mg/Kg-dry	1	7/12/2010
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **ART**
Acetone	ND	0.078		mg/Kg-dry	1	7/10/2010
Benzene	ND	0.0052		mg/Kg-dry	1	7/10/2010
Bromodichloromethane	ND	0.0052		mg/Kg-dry	1	7/10/2010
Bromoform	ND	0.0052		mg/Kg-dry	1	7/10/2010
Bromomethane	ND	0.01		mg/Kg-dry	1	7/10/2010
2-Butanone	ND	0.078		mg/Kg-dry	1	7/10/2010
Carbon disulfide	ND	0.052		mg/Kg-dry	1	7/10/2010
Carbon tetrachloride	ND	0.0052		mg/Kg-dry	1	7/10/2010
Chlorobenzene	ND	0.0052		mg/Kg-dry	1	7/10/2010
Chloroethane	ND	0.01		mg/Kg-dry	1	7/10/2010

Qualifiers:
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B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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RL - Reporting / Quantitation Limit for the analysis
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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-014

Client Sample ID: KP7A
Collection Date: 7/6/2010 10:30:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **ART**
Chloroform	ND	0.0052		mg/Kg-dry	1	7/10/2010
Chloromethane	ND	0.01		mg/Kg-dry	1	7/10/2010
Dibromochloromethane	ND	0.0052		mg/Kg-dry	1	7/10/2010
1,1-Dichloroethane	ND	0.0052		mg/Kg-dry	1	7/10/2010
1,2-Dichloroethane	ND	0.0052		mg/Kg-dry	1	7/10/2010
1,1-Dichloroethene	ND	0.0052		mg/Kg-dry	1	7/10/2010
cis-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	7/10/2010
trans-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	7/10/2010
1,2-Dichloropropane	ND	0.0052		mg/Kg-dry	1	7/10/2010
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	7/10/2010
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	7/10/2010
Ethylbenzene	ND	0.0052		mg/Kg-dry	1	7/10/2010
2-Hexanone	ND	0.021		mg/Kg-dry	1	7/10/2010
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	7/10/2010
Methylene chloride	ND	0.01		mg/Kg-dry	1	7/10/2010
Methyl tert-butyl ether	ND	0.0052		mg/Kg-dry	1	7/10/2010
Styrene	ND	0.0052		mg/Kg-dry	1	7/10/2010
1,1,2,2-Tetrachloroethane	ND	0.0052		mg/Kg-dry	1	7/10/2010
Tetrachloroethene	ND	0.0052		mg/Kg-dry	1	7/10/2010
Toluene	ND	0.0052		mg/Kg-dry	1	7/10/2010
1,1,1-Trichloroethane	ND	0.0052		mg/Kg-dry	1	7/10/2010
1,1,2-Trichloroethane	ND	0.0052		mg/Kg-dry	1	7/10/2010
Trichloroethene	ND	0.0052		mg/Kg-dry	1	7/10/2010
Vinyl chloride	ND	0.0052		mg/Kg-dry	1	7/10/2010
Xylenes, Total	ND	0.016		mg/Kg-dry	1	7/10/2010
Percent Moisture	**D2974**			Prep Date: **7/6/2010**		Analyst: **JP**
Percent Moisture	20.0	0.2	*	wt%	1	7/7/2010

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-015

Client Sample ID: KP7B
Collection Date: 7/6/2010 10:30:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **7/7/2010**		Analyst: **VA**
Mercury	0.029	0.027		mg/Kg-dry	1	7/7/2010
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **7/8/2010**		Analyst: **JG**
Arsenic	14	1		mg/Kg-dry	10	7/9/2010
Barium	17	1		mg/Kg-dry	10	7/9/2010
Cadmium	ND	0.51		mg/Kg-dry	10	7/9/2010
Chromium	15	1		mg/Kg-dry	10	7/9/2010
Lead	20	0.51		mg/Kg-dry	10	7/9/2010
Selenium	ND	1		mg/Kg-dry	10	7/9/2010
Silver	ND	1		mg/Kg-dry	10	7/9/2010
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **7/7/2010**		Analyst: **VS**
Acenaphthene	ND	0.028		mg/Kg-dry	1	7/12/2010
Acenaphthylene	ND	0.028		mg/Kg-dry	1	7/12/2010
Anthracene	ND	0.028		mg/Kg-dry	1	7/12/2010
Benz(a)anthracene	ND	0.028		mg/Kg-dry	1	7/12/2010
Benzo(a)pyrene	ND	0.028		mg/Kg-dry	1	7/12/2010
Benzo(b)fluoranthene	ND	0.028		mg/Kg-dry	1	7/12/2010
Benzo(g,h,i)perylene	ND	0.028		mg/Kg-dry	1	7/12/2010
Benzo(k)fluoranthene	ND	0.028		mg/Kg-dry	1	7/12/2010
Chrysene	ND	0.028		mg/Kg-dry	1	7/12/2010
Dibenz(a,h)anthracene	ND	0.028		mg/Kg-dry	1	7/12/2010
Fluoranthene	ND	0.028		mg/Kg-dry	1	7/12/2010
Fluorene	ND	0.028		mg/Kg-dry	1	7/12/2010
Indeno(1,2,3-cd)pyrene	ND	0.028		mg/Kg-dry	1	7/12/2010
Naphthalene	ND	0.028		mg/Kg-dry	1	7/12/2010
Phenanthrene	ND	0.028		mg/Kg-dry	1	7/12/2010
Pyrene	ND	0.028		mg/Kg-dry	1	7/12/2010
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **ART**
Acetone	ND	0.07		mg/Kg-dry	1	7/10/2010
Benzene	ND	0.0046		mg/Kg-dry	1	7/10/2010
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	7/10/2010
Bromoform	ND	0.0046		mg/Kg-dry	1	7/10/2010
Bromomethane	ND	0.0093		mg/Kg-dry	1	7/10/2010
2-Butanone	ND	0.07		mg/Kg-dry	1	7/10/2010
Carbon disulfide	ND	0.046		mg/Kg-dry	1	7/10/2010
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	7/10/2010
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	7/10/2010
Chloroethane	ND	0.0093		mg/Kg-dry	1	7/10/2010

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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-015

Client Sample ID: KP7B
Collection Date: 7/6/2010 10:30:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **7/7/2010**		Analyst: **ART**
Chloroform	ND	0.0046		mg/Kg-dry	1	7/10/2010
Chloromethane	ND	0.0093		mg/Kg-dry	1	7/10/2010
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	7/10/2010
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	7/10/2010
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	7/10/2010
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	7/10/2010
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	7/10/2010
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	7/10/2010
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	7/10/2010
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	7/10/2010
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	7/10/2010
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	7/10/2010
2-Hexanone	ND	0.019		mg/Kg-dry	1	7/10/2010
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	7/10/2010
Methylene chloride	ND	0.0093		mg/Kg-dry	1	7/10/2010
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	7/10/2010
Styrene	ND	0.0046		mg/Kg-dry	1	7/10/2010
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	7/10/2010
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	7/10/2010
Toluene	ND	0.0046		mg/Kg-dry	1	7/10/2010
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	7/10/2010
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	7/10/2010
Trichloroethene	ND	0.0046		mg/Kg-dry	1	7/10/2010
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	7/10/2010
Xylenes, Total	ND	0.014		mg/Kg-dry	1	7/10/2010
Percent Moisture	**D2974**			Prep Date: **7/6/2010**		Analyst: **JP**
Percent Moisture	12.4	0.2	*	wt%	1	7/7/2010

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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-016

Client Sample ID: KP1W
Collection Date: 7/6/2010 11:00:00 AM
Matrix: Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3510C)**			Prep Date: **7/7/2010**		Analyst: **VS**
Acenaphthene	ND	0.001		mg/L	1	7/12/2010
Acenaphthylene	ND	0.001		mg/L	1	7/12/2010
Anthracene	ND	0.001		mg/L	1	7/12/2010
Benz(a)anthracene	ND	0.0001		mg/L	1	7/12/2010
Benzo(a)pyrene	ND	0.0001		mg/L	1	7/12/2010
Benzo(b)fluoranthene	ND	0.0001		mg/L	1	7/12/2010
Benzo(g,h,i)perylene	ND	0.001		mg/L	1	7/12/2010
Benzo(k)fluoranthene	ND	0.0001		mg/L	1	7/12/2010
Chrysene	ND	0.0001		mg/L	1	7/12/2010
Dibenz(a,h)anthracene	ND	0.0001		mg/L	1	7/12/2010
Fluoranthene	ND	0.001		mg/L	1	7/12/2010
Fluorene	ND	0.001		mg/L	1	7/12/2010
Indeno(1,2,3-cd)pyrene	ND	0.0001		mg/L	1	7/12/2010
Naphthalene	ND	0.001		mg/L	1	7/12/2010
Phenanthrene	ND	0.001		mg/L	1	7/12/2010
Pyrene	ND	0.001		mg/L	1	7/12/2010
Volatile Organic Compounds by GC/MS	**SW8260B (SW5030B)**			Prep Date:		Analyst: **PS**
Acetone	ND	0.1		mg/L	5	7/11/2010
Benzene	ND	0.025		mg/L	5	7/11/2010
Bromodichloromethane	ND	0.025		mg/L	5	7/11/2010
Bromoform	ND	0.025		mg/L	5	7/11/2010
Bromomethane	ND	0.05		mg/L	5	7/11/2010
2-Butanone	ND	0.1		mg/L	5	7/11/2010
Carbon disulfide	ND	0.05		mg/L	5	7/11/2010
Carbon tetrachloride	ND	0.025		mg/L	5	7/11/2010
Chlorobenzene	ND	0.025		mg/L	5	7/11/2010
Chloroethane	ND	0.05		mg/L	5	7/11/2010
Chloroform	ND	0.025		mg/L	5	7/11/2010
Chloromethane	ND	0.05		mg/L	5	7/11/2010
Dibromochloromethane	ND	0.025		mg/L	5	7/11/2010
1,1-Dichloroethane	ND	0.025		mg/L	5	7/11/2010
1,2-Dichloroethane	ND	0.025		mg/L	5	7/11/2010
1,1-Dichloroethene	ND	0.025		mg/L	5	7/11/2010
cis-1,2-Dichloroethene	0.62	0.025		mg/L	5	7/11/2010
trans-1,2-Dichloroethene	0.044	0.025		mg/L	5	7/11/2010
1,2-Dichloropropane	ND	0.025		mg/L	5	7/11/2010
cis-1,3-Dichloropropene	ND	0.005		mg/L	5	7/11/2010
trans-1,3-Dichloropropene	ND	0.005		mg/L	5	7/11/2010

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Date Reported: July 13, 2010
Date Printed: July 13, 2010

Client: K-Plus Environmental, Inc.
Lab Order: 10070107
Project: 17094L1926, Defender Door, 1926 S. Laramie
Lab ID: 10070107-016

Client Sample ID: KP1W
Collection Date: 7/6/2010 11:00:00 AM
Matrix: Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW8260B (SW5030B)**			Prep Date:		Analyst: **PS**
Ethylbenzene	ND	0.025		mg/L	5	7/11/2010
2-Hexanone	ND	0.1		mg/L	5	7/11/2010
4-Methyl-2-pentanone	ND	0.1		mg/L	5	7/11/2010
Methylene chloride	ND	0.025		mg/L	5	7/11/2010
Methyl tert-butyl ether	ND	0.025		mg/L	5	7/11/2010
Styrene	ND	0.025		mg/L	5	7/11/2010
1,1,2,2-Tetrachloroethane	ND	0.025		mg/L	5	7/11/2010
Tetrachloroethene	ND	0.025		mg/L	5	7/11/2010
Toluene	ND	0.025		mg/L	5	7/11/2010
1,1,1-Trichloroethane	ND	0.025		mg/L	5	7/11/2010
1,1,2-Trichloroethane	ND	0.025		mg/L	5	7/11/2010
Trichloroethene	ND	0.025		mg/L	5	7/11/2010
Vinyl chloride	0.15	0.01		mg/L	5	7/11/2010
Xylenes, Total	ND	0.075		mg/L	5	7/11/2010

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e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

CHAIN OF CUSTODY RECORD

Nº: 832319 Page : ____ of ____

Company: KPRS
Project Number: 176941 1926 Client Tracking No.:
Project Name: Defender Door
Project Location: 1926 S. Laramie
Sampler(s): Jessica Madsen
Report To: ____ Phone: ____
Fax: ____
QC Level: 1 2 3 4 e-mail: ____

P.O. No.:
Quote No.:

Turn Around: Standard
Results Needed: am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	VOC	PNA	Total Metals	Clean TCLP	Dirty TCLP	Remarks	Lab No.:
KP1A	7/6/10	810	Soil		X		4	X	X	X				001
KP1B	7/6/10	810	Soil		X		1				X			002
KP2A	7/6	840	Soil		X		4	X	X	X				003
KP2B	7/6	840	Soil		X		4	X	X	X				004
KP2TCC	7/6	840	Soil		X		1					X		005
KP3A	7/6	900	Soil		X		4	X	X	X				006
KP3B	7/6	900	Soil		X		4	X	X	X				007
KP4A	7/6	920	Soil		X		4	X	X	X				008
KP4B	7/6	920	Soil		X		4	X	X	X				009
KP5A	7/6	945	Soil		X		4	X	X	X				010
KP5B	7/6	945	Soil		X		4	X	X	X				011
KP6A	7/6	1015	Soil		X		4	X	X	X				012
KP6B	7/6	1015	Soil		X		4	X	X	X				013
KP7A	7/6	1030	Soil		X		4	X	X	X				014
KP7B	7/6	1030	Soil		X		4	X	X	X				015
KP1W	7/6	1100	Water	X			4	X	X					016

Relinquished by: (Signature) Jessica Madsen Date/Time: 7/6/10 1130
Received by: (Signature) Date/Time: 7/6/10 1130
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:

Comments:

Preservation Code: A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 1007010 7

Received on Ice: Yes ☑ No ☐
Temperature: 1.4 °C

STAT Analysis Corporation

Sample Receipt Checklist

Client Name K-PLUS

Date and Time Received: 7/6/2010 11:30:00 AM

Work Order Number 10070107

Received by: CDF

Checklist completed by: Signature 7/6/10 Date

Reviewed by: CG 7/7/10 Initials Date

Matrix: Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes	☑	No	☐	Not Present	☐
Custody seals intact on shippping container/cooler?	Yes	☐	No	☐	Not Present	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	Not Present	☑
Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels/containers?	Yes	☑	No	☐		
Samples in proper container/bottle?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		
All samples received within holding time?	Yes	☑	No	☐		
Container or Temp Blank temperature in compliance?	Yes	☑	No	☐	Temperature	1.4 °C
Water - VOA vials have zero headspace?	No VOA vials submitted	☐	Yes	☑	No	☐
Water - Samples pH checked?	Yes	☐	No	☐	Checked by:	
Water - Samples properly preserved?	Yes	☐	No	☐	pH Adjusted?	

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted:

Date contacted:

Contacted by:

Response:

APPENDIX 5

INSPECTOR QUALIFICATIONS

DANIEL M. CAPLICE

Title: *President*

Education:

MM, Finance and Managerial Economics, J.L. Kellogg Graduate School of Management, Northwestern University

MPH, Industrial Hygiene and Safety Engineering, University of Illinois at Chicago

BS, Civil Engineering, University of Illinois, Urbana, IL

Licenses/Certifications:

Professional Engineer: IL, IN, IA, FL, KY, MI, MN,MO, OH, NC, OH, PA, WI, SC, TX, and LA

AHERA Building Inspector: IL and IN

LUST Site Assessor: WI and IN

OSHA 40 Hour HazMat Training

OSHA 8-hour On-site Management & Supervisor Training

HM-126F Safe HazMat Transportation Training

Radon Detection Services

Corrective Actions for Ground Water Contamination

Areas of Expertise:

-

Mr. Caplice is a licensed professional engineer in 13 states with 25 years of environmental engineering and consulting experience. He has an in-depth understanding of local, state and federal regulations and has performed projects in accordance with CERCLA, RCRA, CWA/Oil Pollution Act, CAA, and TSCA requirements. His specialized areas of expertise are evaluation of contaminated properties, assessment of risk and endangerment, regulatory compliance and permitting, hazardous waste management, industrial processes, Brownfield development, water quality, and site management including investigation, remediation, construction management, and monitoring.

Currently Mr. Caplice is President of K-Plus Environmental, a 15 year-old, full service environmental engineering and consulting company with offices in Illinois, Indiana, Wisconsin, North Carolina, South Carolina, and Colorado. As President, Mr. Caplice is responsible for managing and directing the company in addition to his ongoing work.

Prior to joining K-Plus, Mr. Caplice served in several capacities for the USEPA, Region 5, including Manager of the Illinois/Indiana Unit of the Remedial Response Section, Waste Management Division and Manager of the Pre-Remedial Unit, Waste Management Division. As Manager of the Pre-Remedial Unit, Mr. Caplice investigated and assessed abandoned waste sites (CERCLIS sites) for possible inclusion on the National Priorities List. As Manager of the Illinois/Indiana Unit he supervised eight project managers in the technical and legal aspects of site investigation and remediation and he directed the progress at over 40 Superfund sites. As an RPM/OSC he was responsible for the investigation, alternative selection, design, implementation, and enforcement of cleanups at numerous Superfund sites including the Outboard Marine/Waukegan Harbor site, the LaSalle Electric Utilities, Tar Lake, and Verona Well Field. Mr. Caplice also regularly represented the USEPA at the International Joint Commission on Water Quality in the Great Lakes.

REPRESENTATIVE EXPERIENCE

Private Clients

NAMPAC, Ontario, CA

- Responsible for assessing and remediating petroleum and chlorinated solvent contamination in soil and groundwater beneath an active plastic manufacturing facility. Developed a plan to stage the cleanup over an 18 month period in order to completely remediate the subsurface contamination to residential objectives without shutting down the facility operations. Developed all project documents including work plans, site assessment reports, remedial design plans, bid specifications, and remedial action completion reports. Met all the requirements of the LARWQCB for site closure.

Rhodia. Chicago Heights, IL

- Mr. Caplice directed the removal of phosphorous from a municipal sewer line after the extremely hazardous substance was identified in the

sediments during the attempted cleaning of the nearly one mile long line. The phosphorous contamination was apparently caused by historic operations at the Rhodia facility that ceased over 50 years beforehand. Because white phosphorous ignites and burns on contact with air, all work was completed either under water or under a nitrogen blanket to prevent spontaneous combustion. Upon completion of the removal and sewer cleaning, all waste was shipped to Sauget, Illinois where it was destroyed in a commercial incinerator.

Yacht Haven Hotel. St. Thomas, U.S. Virgin Islands, PRM Realty

- Responsible the remediation of asbestos contamination in a complex that was damaged by hurricane and scheduled for demolition and redevelopment. Designed an abatement and demolition program that called for the controlled demolition of the structure, waste segregation, off-site shipment and off-island disposal of asbestos masonry components, on-site crushing of non-asbestos components, and re-use of crushed materials. The project was complicated by rules prohibiting disposal of contaminated waste on the island as well as working adjacent to the water in the main ocean port for the island.

INX. Charlotte, SC

- Took over the design of new ink manufacturing plant after the original engineering firm was fired for failure to complete work on a timely basis. Work included the revision of existing P&ID and general arrangement drawings, completion of process piping drawings, revision of existing equipment list. Preparation of a pipe line index based upon the P&ID's and piping drawings, completion of line size calculations for all piping, and review and approval of all mechanical contractor submittals for process equipment. In addition, all provided technical oversight and management during construction by answering questions from the contractors and completing routine site visits to review the progress of the work and to review schedule and goals with the contractor.

Chemical Plant. Chicago, IL

- Provided regular environmental compliance advice to plant personnel to ensure operations are in strict compliance with all applicable environmental rules, regulations, and requirements. In addition to RCRA and CERCLA issues, Mr. Caplice was also called on to be the lead person during the cleanup and investigation following two spills at the plant. Mr. Caplice also evaluated historic operations at the plant that used contaminated raw materials. In that role, he designed and managed the implementation of the controlled decontamination and demolition of three former chemical production lines and ancillary equipment at the facility that were found to be grossly contaminated with an extremely hazardous substance.

National Marine Industrial Site. Seneca, IL

- American Commercial Barge Lines. Following an NPL Site Assessment by the IEPA of this abandoned facility, the project was transferred to the USEPA Region 5's Emergency Response Section as a non-time critical

emergency removal site for cleanup, investigation, and oversight. The 65 acre site located adjacent to the Illinois River was contaminated with PCBs, solvents, pesticides, and lead. Mr. Caplice was responsible for managing all tasks associated with the completion of the Phase I ESA and II ESAs, Site Investigation, Quality Assurance Plan, Remedial Design/Feasibility Analysis, groundwater monitoring, and Emergency Response, and three stages of Remedial Action. He managed the subcontractor agreements, permitting, sampling, testing, and negotiations and coordination with the Agency. He also developed engineering cost estimates for each remedial alternative and evaluated the feasibility of each. A portion of the remedial action included closing three waste treatment lagoons adjacent to the River, on site stabilization of contaminated soil and sludge, installation of slurry walls and engineered caps, and restoration of a forested area. Work was performed in accordance with CERCLA/RCRA/CWA/NCP requirements. Mr. Caplice was responsible for negotiating remedial objectives and closure requirements with the USEPA and IEPA, and at the end of the Project he obtained a complete release from the USEPA and a Comprehensive NFR letter for the entire site from the IEPA.

R. Lavin & Sons. North Chicago, IL, R. Deutsch, Levy & Engel (2004)

- Worked as the environmental consultant for the Creditors Committee following the closure of this secondary foundry. Due to this large industrial facility's location near a waterway, the USEPA, IEPA, NSSD, and the U.S. Navy were concerned that material remaining on site would impact surface waters. Facility had numerous issues including exposed piles of slag, pits and tanks containing up to 1.5 million gallons of process water and 2 million gallons of contaminated storm water. Served as expert witness in US Bankruptcy court proceedings, negotiated AOC scope of work with USEPA and DOJ representatives, managed site investigations and remedial action in accordance with RCRA/CERCLA and NCP requirements.

Chicago Service. Bedford Park, IL

- Millennium Chemical. This abandoned 15 acre industrial complex large site included five high bay industrial buildings; several ASTs and USTs; over 400 55-gallon unlabeled drums of process chemicals and industrial waste; over 40 in ground pits filled with oil, sludge, and debris; large shot blast equipment; industrial degreasers; and several areas where open dumping of waste had occurred Upon completion of a ESA, Mr. Caplice managed and directed the abatement of asbestos within the buildings, the characterization and disposal of all 55-gallon drums and other discarded process chemicals and industrial waste at the facility, the cleaning and closure of all in-ground pits a detailed subsurface investigation of soil and ground water contamination at the property, and the proper removal and closure of all USTs and ASTs at the property. All LUST incidents were properly closed in full compliance and the site was enrolled into the voluntary Site Remediation Program. Mr. Caplice then prepared full documentation of all remedial and investigative activities at the site and submitted the documentation to the IEPA in order to fulfill Illinois closure requirements and obtain multiple NFR letters documenting the successful completion of the work. Contaminants at the facility included BETX, PNAs, chlorinated solvents and breakdown compounds, and various metals.

Rhodia, Chicago Heights, Dalton, and Blue Island, IL

- Mr. Caplice has been providing ongoing environmental compliance support and management service to the Chicagoland chemical manufacturing facilities for Rhodia. Services include RCRA reporting, annual hazardous waste reports, SPCC Plans, SWPP Plans, Tier I and Tier II Reports, and Toxic Release Inventory (TRI) Reports.

Bowling Products Manufacturer. Lake Bluff Forest, IL

- DBA Products. Managed the Site Investigation (Phase II ESA) to evaluate the extent of chlorinated solvent contamination in soil and groundwater; performed a remedial investigation/feasibility study; conducted pre-design investigations, developed an engineering evaluation and cost estimate for remedial alternatives, and provided construction management, sampling and documentation during the remedial action. Remediation consisted of a combination of technologies, low temperature thermal desorption and a gravity-fed groundwater collection system. Secured a Comprehensive NFR letter via the IEPA's SRP program.

Caterair, Inc. Franklin Park, IL

- Managed the investigation and cleanup of a large industrial site near O'Hare Airport. Mr. Caplice directed all investigative and cleanup activities and completed all LUST Program and Reimbursement requirements including early action documentation, site investigations, and corrective action (excavation, removal, and risk evaluation) activities. First consultant to receive maximum $1 million reimbursement approval from the IEPA.

S & C Electric Company, Chicago, IL

- Responsible for completing the RCRA Contingency Plan and SPCCC plan for industrial facility. Also reviewed air permits and completed CAA reporting requirements. Inspected all particle sources and prepared a Fugitive Dust Control Plan.

McCook Metals, McCook, IL

- Provided environmental compliance services for operations at this 3 million square foot industrial facility. Work included NPDES monitoring and reporting; MWRD sampling, monitoring, and reporting; annual air emission reports; various Title V compliance reports; and annual hazardous waste reports. Also directed the removal of unused underground storage tanks at the facility and prepared the required LUST compliance reports to document the proper closure. Upon shut-down of the facility, worked with the Bankruptcy Trustee to characterize the remaining environmental liabilities at the site, monitor and direct asbestos abatement activities, and negotiate with MWRD and IEPA officials regarding the closure of the NPDES and DA permits.

Armoloy of Illinois, Inc. DeKalb, IL

- Managed all annual environmental reporting (Form R, Tier II, TRI, and annual Hazardous Waste Report) and permits (FESOP, state operating permits, and annual emissions reports) for this industrial plating facility.

TC Industries Inc. Crystal lake, IL

- TC Industries Inc. is one of the largest heat treating facilities in the country. Mr. Caplice managed and directed a Phase I ESA and Compliance Audit of the facility. He also conducted permit reviews (Title V, NPDES, and industrial discharge permitting) for this 600,000 square foot manufacturing plant which included a waste water discharge pre-treatment facility.

Municipalities and Other Government Agencies

Numerous Airports and aviation facilities in IN, IL, WI, and MI
Phase I ESAs and NEPA Documentation

- Federal Aviation Administration. Program Manager responsible for managing the Phase I ESAs and NEPA Environmental Assessments conducted for airport properties located in Illinois, Michigan, Indiana, and Wisconsin that were owed and/or leased by the FAA for LLWAS, Visual Omni Range with Tactical Air Navigation (VORTAC), and Remote Transmitter/Receiver (RTR) equipment sites.

Supply Side Landfill Monitoring. NAV FAC Midwest. Great Lakes Naval Facility

- Performed monthly monitoring of numerous wells and the adjacent stream on the property to fulfill landfill permit requirements. Routinely performed landfill inspections to identify leachate seeps, breaches to the cap and any other abnormality. Completed quarterly reports to the IEPA. Work was completed in accordance with project quality control manual. Completed an alternative analysis and engineering estimates for repairing the landfill cap and some ongoing issues with the landfill.

LaSalle Electric Utility, USEPA Region 5

- Managed the Remedial RI/FS (Investigation/Feasibility Study) of this NPL site in LaSalle, Illinois in order to determine the extent of PCB contamination in the residential neighborhood adjacent to the abandoned electrical equipment manufacturer. After writing the Record of Decision that was approved in Region 5 and in Washington and signed by the Regional Administrator, directed the design of the selected remedial alternative that included construction of an incinerator on the site of the former facility, the excavation of contaminated soil from a four block area of a residential neighborhood, relocation of 20 families from their homes during the project, cleaning of the homes in the area. Work included the in-depth and detailed planning and community relations required to gain 100 percent community acceptance of the selected alternative and the plans, and then restoration of the area.

Outboard Marine Corporation (OMC), Waukegan, IL

- USEPA Region 5. RPM for this old industrial NPL site that was

contaminated with PCBs. Technical expert for the Agency during negotiations with responsible parties that lasted nearly 3 years. During that time period negotiations included the evaluation of remedial alternatives for PCB contamination in soil and in sediments located in the adjacent harbor. Planning included evaluation of dredging and dewater techniques, evaluation of alternative disposal options for the PCB waste such as in place containment in the waterway, as well as a risk evaluation of the various alternatives. At the same time, Mr. Caplice served as the technical expert for the Agency as it pursued a dual track of litigation to force the responsible party to complete the work. In that capacity, Mr. Caplice prepared technical documents to support submittals of brief and arguments to the U.S. District Court, the U.S. 7th Circuit Court of Appeals, and the U.S. Supreme Court. He also worked with Agency staff in Washington to prepare amendments to Superfund legislation to address some of the issues raised by this site. Upon leaving the Agency in 1988, the USEPA waived its standard conflict of interest rules and allowed the Responsible Party to retain Mr. Caplice to serve as a technical expert during the final stages of negotiations on the cleanup that included dredging of the harbor and ditches, construction of a containment cell in the end of the harbor, and construction of a new slip to replace the one where the containment cell was constructed.

Verona Well Field, Battle Creek, MI

- USEPA Region 5. On Scene Coordinator (OSC) for emergency action completed to prevent the loss of entire municipal well field to a plume of chlorinated solvents. After modeling showed that peak summer water demand would accelerate the migration of the contaminate plume into the well field, an emergency action was planned to construct a hydraulic barrier in the well field and protect the majority of the City's potable wells. Mr. Caplice was the OSC that directed the construction of the hydraulic barrier system. The project included the design and construction of a pump station capable of moving 2 million gallons of water daily from a series of existing wells across the well field. Once the target wells were identified, a series of force mains were constructed to re-direct water from the wells to a new reservoir and pump station that then pumped it through a series of carbon filtration units before discharge to the adjacent river until an air stripper could be fabricated to more efficiently remove the contaminants. The entire project was completed in 6 weeks and the system, with some modifications, is still operating today.

Cross Brothers Pail Recycling, Pembrook, IL

- USEPA Region 5. RPM for the 20 acre NPL site. The pail and drum reclamation business operated by Cross Brothers at the site from 1961 to 1980. The reclamation operation consisted of placing drums and pails containing dye, ink, and paint residue onto the ground, allowing the contents to drain. Waste solvents were then poured over the containers to dissolve the remaining residue prior to reconditioning the drums. Mr. Caplice was the RPM that coordinated the completion of an RI/FS and then interim remedial measures (IRM) in 1985 to clear the disposal area of vegetation and remove 6,500 tons of contaminated surficial soil, 60 tons of crushed pails, 550 drums contained wastes, and 580 empty drums. Following the completion of the IRM, a hydrogeological study and feasibility study were completed and groundwater was found to be

contaminated with volatile organic compounds (VOCs) such as benzene, toluene, and xylenes and heavy metals including lead and the soil was contaminated with polychlorinated biphenyls (PCBs) and VOCs.

Village of Lombard, IL

- Completed Phase I ESA AND Risk Analysis for proposed property transactions as part of downtown re-development.

Village of Orland Park, IL

- Completed Phase I ESA AND Risk Analysis for proposed property transactions as part of downtown re-development.

JESSICA MADSEN

K-PLUS ENGINEERING, LLC

***Title**: Sr. Project Manager*

***Years Experience**: 10+*

Education:

***BS**, Environmental Health Sciences, Illinois State University, Normal, IL*

AHERA Building Inspector: IL

OSHA 40 Hour Hazardous Waste Training

OSHA 8-hour Hazardous Waste Training Refresher

Erosion and Sediment Control Course 8-hour AIA Registered.

SUMMARY OF EXPERIENCE

Mrs. Madsen combines scientific expertise and business management skills to meet the due diligence needs for a variety of clients in a professional, time efficient and cost effective manner. Her educational training, project management experience, and communication skills provide a solid foundation to meet the environmental consulting needs of a diverse client base, including customers in banking, real estate development, government and industrial settings. At K-Plus, Ms. Madsen provides her customers with the tools required to make productive environmental decisions.

Ms. Madsen has been in the environmental consulting industry for at least the past ten years, which has cultivated a deep understanding of environmental issues within a business-conscious framework. During her tenure, she has developed outstanding research, field work, data interpretation, technical writing and communication skills, and has been recognized in scientific, government and business publications. Her training includes a bachelors degree in environmental sciences from Illinois State University, where her studies included courses in; Environmental Health Practices, Health Data Analysis, Water Quality and Treatment, Waste Management Practices, Environmental Toxicology, Food Protection, Control of Institutional Environments, Pollution Prevention, Occupational Health, Epidemiology, Decision Processes, as well as, complete courses of study in Chemistry, Physics, Geology, Human Anatomy and Physiology and Biology. Ms. Madsen's extensive curriculum has provided her with a broad base of technical scientific knowledge.

Since becoming an environmental professional, Ms. Madsen has conducted a variety of local and international site assessment activities, including property inspections (Phase I ESAs, TSAs, Phase I Updates and compliance assessments), soil and groundwater investigations, storage tank removals, abandonments and remediation activities. In connection with these tasks, Ms. Madsen has demonstrated her acute technical abilities by designing statistical analyses (including averaging and composite techniques) and modeling contaminant transport patterns, which has allowed her to successfully design and manage site closures in accordance with current federal, state and local environmental regulations.

REPRESENTATIVE EXPERIENCE

Spill Response Remediation and Restoration, Rancho Cordova, CA

- Project Manager for the environmental remediation of a large tract of land contaminated by a spill of PCB-contaminated oil. Because the contamination was on private property not owned by the responsible party, the cleanup objective for the work was total removal of all contamination. Mrs. Madsen directed all onsite removal and restoration activities that were completed. All work was completed on an expedited schedule over a holiday weekend.

Former Industrial Facility, Seneca, IL.
SRP Site Closure

- Served as Resident Engineer to manage and direct the final phase of an environmental clean up of a former industrial site adjacent to Illinois River.

Work involved the testing and removal of soil contaminated by pesticides, followed by site restoration. K-Plus worked under the supervision of the Illinois EPA during the cleanup effort.

Industrial Facility, Skokie, IL
SRP Site Closure

- Leaking tanks identified at an adjacent parcel migrated off-site. An extensive subsurface investigation was completed to determine the horizontal and vertical extents of the soil and ground water contamination. During the investigation, secondary surficial soil contamination was identified on the site due to spillage or dumping from the former adhesives manufacturing operations. The site was closed following fate and transport modeling. The closure was achieved with minimal cost to the owner by utilizing land restriction and an engineered barrier and without any active remedial activities. Upon review, the IEPA issued a No Further Remediation (NFR) letter for the property.

Commercial Facility, Melrose Park, IL
Leaking Underground Storage Tank Program

- During an environmental assessment of the property, it was determined that the prior use of the property was a gasoline station. Following a magnetometer survey that suggested tanks were still present at the property, Mrs. Madsen directed the removal and destruction of the tanks. During removal activities it was determined that one or more of the tanks had experienced a leak, therefore a Leaking Underground Storage Tank (LUST) incident number was obtained and all affected soils were removed from the property. The site was cleaned to Illinois residential property standards and the Illinois EPA issued a NFR letter with no restrictions

Environmental and Erosion Control Manager.

- Mrs. Madsen worked with Walsh Construction on their North-South Tollway Expansion Project. Mrs. Madsen worked with the Illinois Tollway alongside numerous Agency representatives to organize and protect the sensitive wetland species, as well as, the Hine's Emerald Dragonfly (endangered), identified in the Des Plaines River Valley during the construction of the I-355 Bridge through Lemont, Illinois. The project included the design and implementation of a Maintenance Plan, Environmental-Safety Discussion, Dust Control Plan, Pollution Control Plan, as well as, the implement of the Erosion Control Plan, which was prepared and approved by the IEPA, in coordination with the local Agencies.

National Marine, Wetland Monitoring and Ecological Assessment.

- This project was located on the Illinois River within a flood plain. The site contained forested and wetland areas and a variety of vegetation and wildlife. Mrs. Madsen, Project Scientist, was responsible for performing site characterization and water quality investigations and evaluations. Assisted with the natural resource assessments and monitoring. Performed soil, surface water and groundwater sampling. Completed draft reports for submittal to the USEPA under CERCLA.

Federal Agency Experience

- Mrs. Madsen has worked on numerous Phase I Environmental Site Assessments for potential cellular tower sites located throughout the Midwest. As part of these projects Mrs. Madsen was required to complete full NEPA screens on these properties in order to receive a Finding of No Significant Impact (FONSI) letter from the FAA.

National Experience

- Mrs. Madsen has traveled to other states in order to conduct Phase II Subsurface Investigations such as: New York, Michigan, Indiana and Texas. With the Subsurface Investigations in foreign states it is necessary to comply with the local state or USEPA regulations, especially when looking at the analysis of lab data. Mrs. Madsen has conducted the research behind the regulations, in order to learn acceptable chemical limits for the soils in each of these states, as well as, completed detailed technical reports which meet those state regulations.